

## SEQUENCE LISTING

<110> INSERM

<120> USE OF CD31 PEPTIDES IN THE TREATMENT OF THROMBOTIC AND  
AUTOIMMUNE DISORDERS

<130> BET 09P0854

<150> EP 08305360.3

<151> 2008-06-30

<160> 14

<170> PatentIn version 3.4

<210> 1

<211> 738

<212> PRT

<213> Homo sapiens

<220>

<221> SIGNAL

<222> (1)..(27)

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<221> DOMAIN

<222> (28)..(601)

<223> extracellular domain

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<223> Fourth Ig-like domain

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<222> (424)..(493)

<223> Fifth Ig-like domain

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 <223> transmembrane domain

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Met Gln Pro Arg Trp Ala Gln Gly Ala Thr Met Trp Leu Gly Val Leu  
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Leu Thr Leu Leu Leu Cys Ser Ser Leu Glu Gly Gln Glu Asn Ser Phe  
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Thr Ile Asn Ser Val Asp Met Lys Ser Leu Pro Asp Trp Thr Val Gln  
 35 40 45

Asn Gly Lys Asn Leu Thr Leu Gln Cys Phe Ala Asp Val Ser Thr Thr  
 50 55 60

Ser His Val Lys Pro Gln His Gln Met Leu Phe Tyr Lys Asp Asp Val  
 65 70 75 80

Leu Phe Tyr Asn Ile Ser Ser Met Lys Ser Thr Glu Ser Tyr Phe Ile  
 85 90 95

Pro Glu Val Arg Ile Tyr Asp Ser Gly Thr Tyr Lys Cys Thr Val Ile  
 100 105 110

Val Asn Asn Lys Glu Lys Thr Thr Ala Glu Tyr Gln Leu Leu Val Glu  
 115 120 125

Gly Val Pro Ser Pro Arg Val Thr Leu Asp Lys Lys Glu Ala Ile Gln  
 130 135 140

Gly Gly Ile Val Arg Val Asn Cys Ser Val Pro Glu Glu Lys Ala Pro  
 145 150 155 160

Ile His Phe Thr Ile Glu Lys Leu Glu Leu Asn Glu Lys Met Val Lys  
 165 170 175

Leu Lys Arg Glu Lys Asn Ser Arg Asp Gln Asn Phe Val Ile Leu Glu  
 180 185 190

Phe Pro Val Glu Glu Gln Asp Arg Val Leu Ser Phe Arg Cys Gln Ala

195		200		205
Arg Ile Ile Ser Gly Ile His Met Gln Thr Ser Glu Ser Thr Lys Ser				
210		215		220
Glu Leu Val Thr Val Thr Glu Ser Phe Ser Thr Pro Lys Phe His Ile				
225		230		235
				240
Ser Pro Thr Gly Met Ile Met Glu Gly Ala Gln Leu His Ile Lys Cys				
		245		250
				255
Thr Ile Gln Val Thr His Leu Ala Gln Glu Phe Pro Glu Ile Ile Ile				
		260		265
				270
Gln Lys Asp Lys Ala Ile Val Ala His Asn Arg His Gly Asn Lys Ala				
		275		280
				285
Val Tyr Ser Val Met Ala Met Val Glu His Ser Gly Asn Tyr Thr Cys				
		290		295
				300
Lys Val Glu Ser Ser Arg Ile Ser Lys Val Ser Ser Ile Val Val Asn				
305		310		315
				320
Ile Thr Glu Leu Phe Ser Lys Pro Glu Leu Glu Ser Ser Phe Thr His				
		325		330
				335
Leu Asp Gln Gly Glu Arg Leu Asn Leu Ser Cys Ser Ile Pro Gly Ala				
		340		345
				350
Pro Pro Ala Asn Phe Thr Ile Gln Lys Glu Asp Thr Ile Val Ser Gln				
		355		360
				365
Thr Gln Asp Phe Thr Lys Ile Ala Ser Lys Ser Asp Ser Gly Thr Tyr				
		370		375
				380
Ile Cys Thr Ala Gly Ile Asp Lys Val Val Lys Lys Ser Asn Thr Val				
385		390		395
				400
Gln Ile Val Val Cys Glu Met Leu Ser Gln Pro Arg Ile Ser Tyr Asp				
		405		410
				415
Ala Gln Phe Glu Val Ile Lys Gly Gln Thr Ile Glu Val Arg Cys Glu				
		420		425
				430
Ser Ile Ser Gly Thr Leu Pro Ile Ser Tyr Gln Leu Leu Lys Thr Ser				
		435		440
				445

Lys Val Leu Glu Asn Ser Thr Lys Asn Ser Asn Asp Pro Ala Val Phe  
 450 455 460

Lys Asp Asn Pro Thr Glu Asp Val Glu Tyr Gln Cys Val Ala Asp Asn  
 465 470 475 480

Cys His Ser His Ala Lys Met Leu Ser Glu Val Leu Arg Val Lys Val  
 485 490 495

Ile Ala Pro Val Asp Glu Val Gln Ile Ser Ile Leu Ser Ser Lys Val  
 500 505 510

Val Glu Ser Gly Glu Asp Ile Val Leu Gln Cys Ala Val Asn Glu Gly  
 515 520 525

Ser Gly Pro Ile Thr Tyr Lys Phe Tyr Arg Glu Lys Glu Gly Lys Pro  
 530 535 540

Phe Tyr Gln Met Thr Ser Asn Ala Thr Gln Ala Phe Trp Thr Lys Gln  
 545 550 555 560

Lys Ala Ser Lys Glu Gln Glu Gly Glu Tyr Tyr Cys Thr Ala Phe Asn  
 565 570 575

Arg Ala Asn His Ala Ser Ser Val Pro Arg Ser Lys Ile Leu Thr Val  
 580 585 590

Arg Val Ile Leu Ala Pro Trp Lys Lys Gly Leu Ile Ala Val Val Ile  
 595 600 605

Ile Gly Val Ile Ile Ala Leu Leu Ile Ile Ala Ala Lys Cys Tyr Phe  
 610 615 620

Leu Arg Lys Ala Lys Ala Lys Gln Met Pro Val Glu Met Ser Arg Pro  
 625 630 635 640

Ala Val Pro Leu Leu Asn Ser Asn Asn Glu Lys Met Ser Asp Pro Asn  
 645 650 655

Met Glu Ala Asn Ser His Tyr Gly His Asn Asp Asp Val Arg Asn His  
 660 665 670

Ala Met Lys Pro Ile Asn Asp Asn Lys Glu Pro Leu Asn Ser Asp Val  
 675 680 685

Gln Tyr Thr Glu Val Gln Val Ser Ser Ala Glu Ser His Lys Asp Leu  
 690 695 700

Gly Lys Lys Asp Thr Glu Thr Val Tyr Ser Glu Val Arg Lys Ala Val  
 705 710 715 720

Pro Asp Ala Val Glu Ser Arg Tyr Ser Arg Thr Glu Gly Ser Leu Asp  
 725 730 735

Gly Thr

<210> 2  
 <211> 6  
 <212> PRT  
 <213> Artificial

<220>  
 <223> mouse or human-derived CD31 peptide

<400> 2

Leu Ala Pro Trp Lys Lys  
 1 5

<210> 3  
 <211> 10  
 <212> PRT  
 <213> Artificial

<220>  
 <223> mouse-derived CD31 peptide

<400> 3

Val Arg Val Phe Leu Ala Pro Trp Lys Lys  
 1 5 10

<210> 4  
 <211> 10  
 <212> PRT  
 <213> Artificial

<220>  
 <223> human-derived CD31 peptide

<400> 4

Val Arg Val Ile Leu Ala Pro Trp Lys Lys  
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<210> 5  
 <211> 23

<212> PRT  
 <213> Artificial

<220>  
 <223> mouse-derived CD31 peptide

<400> 5

Ser Ser Met Arg Thr Ser Pro Arg Ser Ser Thr Leu Ala Val Arg Val  
 1 5 10 15

Phe Leu Ala Pro Trp Lys Lys  
 20

<210> 6  
 <211> 23  
 <212> PRT  
 <213> Artificial

<220>  
 <223> human-derived CD31 peptide

<400> 6

Asn His Ala Ser Ser Val Pro Arg Ser Lys Ile Leu Thr Val Arg Val  
 1 5 10 15

Ile Leu Ala Pro Trp Lys Lys  
 20

<210> 7  
 <211> 727  
 <212> PRT  
 <213> Mus musculus

<400> 7

Met Leu Leu Ala Leu Gly Leu Thr Leu Val Leu Tyr Ala Ser Leu Gln  
 1 5 10 15

Ala Glu Glu Asn Ser Phe Thr Ile Asn Ser Ile His Met Glu Ser Leu  
 20 25 30

Pro Ser Trp Glu Val Met Asn Gly Gln Gln Leu Thr Leu Glu Cys Leu  
 35 40 45

Val Asp Ile Ser Thr Thr Ser Lys Ser Arg Ser Gln His Arg Val Leu  
 50 55 60

Phe Tyr Lys Asp Asp Ala Met Val Tyr Asn Val Thr Ser Arg Glu His  
 65 70 75 80

Thr Glu Ser Tyr Val Ile Pro Gln Ala Arg Val Phe His Ser Gly Lys  
85 90 95

Tyr Lys Cys Thr Val Met Leu Asn Asn Lys Glu Lys Thr Thr Ile Glu  
100 105 110

Tyr Glu Val Lys Val His Gly Val Ser Lys Pro Lys Val Thr Leu Asp  
115 120 125

Lys Lys Glu Val Thr Glu Gly Gly Val Val Thr Val Asn Cys Ser Leu  
130 135 140

Gln Glu Glu Lys Pro Pro Ile Phe Phe Lys Ile Glu Lys Leu Glu Val  
145 150 155 160

Gly Thr Lys Phe Val Lys Arg Arg Ile Asp Lys Thr Ser Asn Glu Asn  
165 170 175

Phe Val Leu Met Glu Phe Pro Ile Glu Ala Gln Asp His Val Leu Val  
180 185 190

Phe Arg Cys Gln Ala Gly Ile Leu Ser Gly Phe Lys Leu Gln Glu Ser  
195 200 205

Glu Pro Ile Arg Ser Glu Tyr Val Thr Val Gln Glu Ser Phe Ser Thr  
210 215 220

Pro Lys Phe Glu Ile Lys Pro Pro Gly Met Ile Ile Glu Gly Asp Gln  
225 230 235 240

Leu His Ile Arg Cys Ile Val Gln Val Thr His Leu Val Gln Glu Phe  
245 250 255

Thr Glu Ile Ile Ile Gln Lys Asp Lys Ala Ile Val Ala Thr Ser Lys  
260 265 270

Gln Ser Ser Glu Ala Val Tyr Ser Val Met Ala Met Val Glu Tyr Ser  
275 280 285

Gly His Tyr Thr Cys Lys Val Glu Ser Asn Arg Ile Ser Lys Ala Ser  
290 295 300

Ser Ile Met Val Asn Ile Thr Glu Leu Phe Pro Lys Pro Lys Leu Glu  
305 310 315 320

Phe Ser Ser Ser Arg Leu Asp Gln Gly Glu Leu Leu Asp Leu Ser Cys

325						330						335			
Ser	Val	Ser	Gly 340	Thr	Pro	Val	Ala	Asn 345	Phe	Thr	Ile	Gln	Lys 350	Glu	Glu
Thr	Val	Leu 355	Ser	Gln	Tyr	Gln	Asn 360	Phe	Ser	Lys	Ile	Ala 365	Glu	Glu	Ser
Asp	Ser 370	Gly	Glu	Tyr	Ser	Cys 375	Thr	Ala	Gly	Ile	Gly 380	Lys	Val	Val	Lys
Arg 385	Ser	Gly	Leu	Val	Pro 390	Ile	Gln	Val	Cys	Glu 395	Met	Leu	Ser	Lys	Pro 400
Ser	Ile	Phe	His	Asp 405	Ala	Lys	Ser	Glu	Ile 410	Ile	Lys	Gly	His	Ala 415	Ile
Gly	Ile	Ser	Cys 420	Gln	Ser	Glu	Asn 425	Gly	Thr	Ala	Pro	Ile	Thr 430	Tyr	His
Leu	Met	Lys 435	Ala	Lys	Ser	Asp	Phe 440	Gln	Thr	Leu	Glu	Val 445	Thr	Ser	Asn
Asp	Pro 450	Ala	Thr	Phe	Thr	Asp 455	Lys	Pro	Thr	Arg	Asp 460	Met	Glu	Tyr	Gln
Cys 465	Arg	Ala	Asp	Asn 470	Cys	His	Ser	His	Pro	Ala 475	Val	Phe	Ser	Glu	Ile 480
Leu	Arg	Val	Arg 485	Val	Ile	Ala	Pro	Val	Asp 490	Glu	Val	Val	Ile	Ser 495	Ile
Leu	Ser	Ser	Asn 500	Glu	Val	Gln	Ser	Gly 505	Ser	Glu	Met	Val	Leu 510	Arg	Cys
Ser	Val	Lys 515	Glu	Gly	Thr	Ser	Pro 520	Ile	Thr	Phe	Gln	Phe 525	Tyr	Lys	Glu
Lys 530	Glu	Asp	Arg	Pro	Phe	His 535	Gln	Ala	Val	Val	Asn 540	Asp	Thr	Gln	Ala
Phe 545	Trp	His	Asn	Lys 550	Gln	Ala	Ser	Lys	Lys	Gln 555	Glu	Gly	Gln	Tyr	Tyr 560
Cys	Thr	Ala	Ser	Asn 565	Arg	Ala	Ser	Ser	Met 570	Arg	Thr	Ser	Pro	Arg 575	Ser



Ser Thr Leu Ala Val Arg Val Phe Leu Ala Pro Trp Lys Lys Gly Leu  
580 585 590

Ile Ala Val Val Val Ile Gly Val Val Ile Ala Thr Leu Ile Val Ala  
595 600 605

Ala Lys Cys Tyr Phe Leu Arg Lys Ala Lys Ala Lys Gln Lys Pro Val  
610 615 620

Glu Met Ser Arg Pro Ala Ala Pro Leu Leu Asn Ser Asn Ser Glu Lys  
625 630 635 640

Ile Ser Glu Pro Ser Val Glu Ala Asn Ser His Tyr Gly Tyr Asp Asp  
645 650 655

Val Ser Gly Asn Asp Ala Val Lys Pro Ile Asn Gln Asn Lys Asp Pro  
660 665 670

Gln Asn Met Asp Val Glu Tyr Thr Glu Val Glu Val Ser Ser Leu Glu  
675 680 685

Pro His Gln Ala Leu Gly Thr Arg Ala Thr Glu Thr Val Tyr Ser Glu  
690 695 700

Ile Arg Lys Val Asp Pro Asn Leu Met Glu Asn Arg Tyr Ser Arg Thr  
705 710 715 720

Glu Gly Ser Leu Asn Gly Thr  
725

<210> 8

<211> 739

<212> PRT

<213> Bos taurus

<400> 8

Met Gln Leu Arg Trp Thr Gln Arg Gly Met Met Trp Leu Gly Ala Leu  
1 5 10 15

Leu Thr Leu Leu Leu Cys Ser Ser Leu Lys Gly Gln Glu Asn Ser Phe  
20 25 30

Thr Ile Asn Ser Ile His Met Gln Ile Leu Pro His Ser Thr Val Gln  
35 40 45

Asn Gly Glu Asn Leu Thr Leu Gln Cys Leu Val Asp Val Ser Thr Thr  
 50 55 60

Ser Arg Val Lys Pro Leu His Gln Val Leu Phe Tyr Lys Asp Asp Val  
 65 70 75 80

Leu Leu His Asn Val Ser Ser Arg Arg Asn Thr Glu Ser Tyr Leu Ile  
 85 90 95

Pro His Val Arg Val Cys Asp Ser Gly Arg Tyr Lys Cys Asn Val Ile  
 100 105 110

Leu Asn Asn Lys Glu Lys Thr Thr Pro Glu Tyr Glu Val Trp Val Lys  
 115 120 125

Gly Val Ser Asp Pro Arg Val Thr Leu Asp Lys Lys Glu Val Ile Glu  
 130 135 140

Gly Gly Val Val Val Val Asn Cys Ser Val Pro Glu Glu Lys Ala Pro  
 145 150 155 160

Val His Phe Thr Ile Glu Lys Phe Glu Leu Asn Ile Arg Gly Ala Lys  
 165 170 175

Lys Lys Arg Glu Lys Thr Ser Gln Asn Gln Asn Phe Val Thr Leu Glu  
 180 185 190

Phe Thr Val Glu Glu Gln Asp Arg Thr Ile Arg Phe Gln Cys Gln Ala  
 195 200 205

Lys Ile Phe Ser Gly Ser Asn Val Glu Ser Ser Arg Pro Ile Gln Ser  
 210 215 220

Asp Leu Val Thr Val Arg Glu Ser Phe Ser Asn Pro Lys Phe His Ile  
 225 230 235 240

Ile Pro Glu Gly Lys Val Met Glu Gly Asp Asp Leu Gln Val Lys Cys  
 245 250 255

Thr Val Gln Val Thr His Gln Ala Gln Ser Phe Pro Glu Ile Ile Ile  
 260 265 270

Gln Lys Asp Arg Glu Ile Val Ala His Asn Ser Leu Ser Ser Glu Ala  
 275 280 285

Val Tyr Ser Val Met Ala Thr Thr Glu His Asn Gly Asn Tyr Thr Cys

290

295

300

Lys Val Glu Ala Ser Arg Ile Ser Lys Val Ser Ser Val Val Val Asn  
 305 310 315 320

Val Thr Glu Leu Phe Ser Lys Pro Lys Leu Glu Ser Ser Ala Thr His  
 325 330 335

Leu Asp Gln Gly Glu Asp Leu Asn Leu Leu Cys Ser Ile Pro Gly Ala  
 340 345 350

Pro Pro Ala Asn Phe Thr Ile Gln Lys Gly Gly Met Thr Val Ser Gln  
 355 360 365

Thr Gln Asn Phe Thr Lys Arg Val Ser Glu Trp Asp Ser Gly Leu Tyr  
 370 375 380

Thr Cys Val Ala Gly Val Gly Arg Val Phe Lys Arg Ser Asn Thr Val  
 385 390 395 400

Gln Ile Thr Val Cys Glu Met Leu Ser Lys Pro Ser Ile Phe His Asp  
 405 410 415

Ser Arg Ser Glu Val Ile Lys Gly Gln Thr Ile Glu Val Ser Cys Gln  
 420 425 430

Ser Val Asn Gly Thr Ala Pro Ile Phe Tyr Gln Leu Ser Asn Thr Ser  
 435 440 445

Lys Pro Val Ala Asn Gln Ser Val Gly Ser Asn Lys Pro Ala Ile Phe  
 450 455 460

Arg Val Lys Pro Thr Lys Asp Val Glu Tyr Cys Cys Ser Ala Asp Asn  
 465 470 475 480

Cys His Ser His Ser Lys Met Phe Ser Glu Val Leu Arg Val Lys Val  
 485 490 495

Ile Ala Pro Val Asp Glu Ala Gln Leu Val Val Leu Lys Gly Glu Val  
 500 505 510

Glu Pro Gly Glu Pro Ile Val Phe Tyr Cys Ser Val Asn Glu Gly Ser  
 515 520 525

Phe Pro Ile Thr Tyr Lys Phe Tyr Lys Glu Lys Glu Ser Lys Pro Phe  
 530 535 540

Tyr Gln Asp Thr Ile Asn Ala Thr Gln Ile Met Trp His Lys Thr Thr  
 545 550 555 560

Ala Ser Lys Glu Tyr Glu Gly Gln Tyr Tyr Cys Thr Ala Ser Asn Arg  
 565 570 575

Ala Asn Leu Ser Lys His Val Ile Gln Ser Asn Thr Leu Thr Val Arg  
 580 585 590

Val Tyr Leu Pro Leu Glu Lys Gly Leu Ile Ala Val Val Val Ile Gly  
 595 600 605

Val Ile Ile Val Thr Leu Val Leu Gly Ala Lys Cys Tyr Phe Leu Lys  
 610 615 620

Lys Ala Lys Ala Lys Gln Met Pro Val Glu Met Ser Arg Pro Ala Val  
 625 630 635 640

Pro Leu Leu Asn Ser Asn Asn Glu Lys Thr Leu Ser Asp Ala Gly Thr  
 645 650 655

Glu Ala Asp Arg His Tyr Gly Tyr Asn Glu Asp Val Gly Asn His Ala  
 660 665 670

Met Lys Pro Leu Asn Glu Asn Lys Glu Pro Leu Thr Leu Asp Val Glu  
 675 680 685

Tyr Thr Glu Val Glu Val Thr Ser Pro Glu Pro His Gln Gly Leu Gly  
 690 695 700

Thr Lys Gly Thr Glu Thr Glu Thr Val Tyr Ser Glu Ile Arg Lys Ala  
 705 710 715 720

Asp Pro Asp Phe Val Glu Asn Arg Tyr Ser Arg Thr Glu Gly Ser Leu  
 725 730 735

Asp Gly Ser

<210> 9  
 <211> 740  
 <212> PRT  
 <213> Sus scrofa

<400> 9

Met Arg Leu Arg Trp Thr Gln Gly Gly Asn Met Trp Leu Gly Val Leu  
 1 5 10 15  
 Leu Thr Leu Gln Leu Cys Ser Ser Leu Glu Gly Gln Glu Asn Ser Phe  
 20 25 30  
 Thr Ile Asn Ser Ile His Met Glu Met Leu Pro Gly Gln Glu Val His  
 35 40 45  
 Asn Gly Glu Asn Leu Thr Leu Gln Cys Ile Val Asp Val Ser Thr Thr  
 50 55 60  
 Ser Ser Val Lys Pro Gln His Gln Val Leu Phe Tyr Lys Asp Asp Val  
 65 70 75 80  
 Leu Phe His Asn Val Ser Ser Thr Lys Asn Thr Glu Ser Tyr Phe Ile  
 85 90 95  
 Ser Glu Ala Arg Val Tyr Asn Ser Gly Arg Tyr Lys Cys Thr Val Ile  
 100 105 110  
 Leu Asn Asn Lys Glu Lys Thr Thr Ala Glu Tyr Lys Val Val Val Glu  
 115 120 125  
 Gly Val Ser Asn Pro Arg Val Thr Leu Asp Lys Lys Glu Val Ile Glu  
 130 135 140  
 Gly Gly Val Val Lys Val Thr Cys Ser Val Pro Glu Glu Lys Pro Pro  
 145 150 155 160  
 Val His Phe Ile Ile Glu Lys Phe Glu Leu Asn Val Arg Asp Val Lys  
 165 170 175  
 Gln Arg Arg Glu Lys Thr Ala Asn Asn Gln Asn Ser Val Thr Leu Glu  
 180 185 190  
 Phe Thr Val Glu Glu Gln Asp Arg Val Ile Leu Phe Ser Cys Gln Ala  
 195 200 205  
 Asn Val Ile Phe Gly Thr Arg Val Glu Ile Ser Asp Ser Val Arg Ser  
 210 215 220  
 Asp Leu Val Thr Val Arg Glu Ser Phe Ser Asn Pro Lys Phe His Ile  
 225 230 235 240  
 Ser Pro Lys Gly Val Ile Ile Glu Gly Asp Gln Leu Leu Ile Lys Cys

				245				250				255			
Thr	Ile	Gln	Val	Thr	His	Gln	Ala	Gln	Ser	Phe	Pro	Glu	Ile	Ile	Ile
260								265				270			
Gln	Lys	Asp	Lys	Glu	Ile	Val	Ala	His	Ser	Arg	Asn	Gly	Ser	Glu	Ala
275								280				285			
Val	Tyr	Ser	Val	Met	Ala	Thr	Val	Glu	His	Asn	Ser	Asn	Tyr	Thr	Cys
290				295				300							
Lys	Val	Glu	Ala	Ser	Arg	Ile	Ser	Lys	Val	Ser	Ser	Ile	Met	Val	Asn
305				310				315				320			
Ile	Thr	Glu	Leu	Phe	Ser	Arg	Pro	Lys	Leu	Lys	Ser	Ser	Ala	Thr	Arg
				325				330				335			
Leu	Asp	Gln	Gly	Glu	Ser	Leu	Arg	Leu	Trp	Cys	Ser	Ile	Pro	Gly	Ala
				340				345				350			
Pro	Pro	Glu	Ala	Asn	Phe	Thr	Ile	Gln	Lys	Gly	Gly	Met	Met	Met	Leu
355								360				365			
Gln	Asp	Gln	Asn	Leu	Thr	Lys	Val	Ala	Ser	Glu	Arg	Asp	Ser	Gly	Thr
370				375				380							
Tyr	Thr	Cys	Val	Ala	Gly	Ile	Gly	Lys	Val	Val	Lys	Arg	Ser	Asn	Glu
385				390				395				400			
Val	Gln	Ile	Ala	Val	Cys	Glu	Met	Leu	Ser	Lys	Pro	Ser	Ile	Phe	His
				405				410				415			
Asp	Ser	Gly	Ser	Glu	Val	Ile	Lys	Gly	Gln	Thr	Ile	Glu	Val	Ser	Cys
				420				425				430			
Gln	Ser	Ile	Asn	Gly	Thr	Ser	Pro	Ile	Ser	Tyr	Gln	Leu	Leu	Lys	Gly
435								440				445			
Ser	Asp	Leu	Leu	Ala	Ser	Gln	Asn	Val	Ser	Ser	Asn	Glu	Pro	Ala	Val
450				455				460							
Phe	Lys	Asp	Asn	Pro	Thr	Lys	Asp	Val	Glu	Tyr	Gln	Cys	Ile	Ala	Asp
465				470				475				480			
Asn	Cys	His	Ser	His	Ala	Gly	Met	Pro	Ser	Lys	Val	Leu	Arg	Val	Lys
				485				490				495			

Val Ile Ala Pro Val Glu Glu Val Lys Leu Ser Ile Leu Leu Ser Glu  
 500 505 510

Glu Val Glu Ser Gly Gln Ala Ile Val Leu Gln Cys Ser Val Lys Glu  
 515 520 525

Gly Ser Gly Pro Ile Thr Tyr Lys Phe Tyr Lys Glu Lys Glu Asn Lys  
 530 535 540

Pro Phe His Gln Val Thr Leu Asn Asp Thr Gln Ala Ile Trp His Lys  
 545 550 555 560

Pro Lys Ala Ser Lys Asp Gln Glu Gly Gln Tyr Tyr Cys Leu Ala Ser  
 565 570 575

Asn Arg Ala Thr Pro Ser Lys Asn Phe Leu Gln Ser Asn Ile Leu Ala  
 580 585 590

Val Arg Val Tyr Leu Ala Pro Trp Lys Lys Gly Leu Ile Ala Val Val  
 595 600 605

Val Ile Ala Val Ile Ile Ala Val Leu Leu Leu Gly Ala Arg Phe Tyr  
 610 615 620

Phe Leu Lys Lys Ser Lys Ala Lys Gln Met Pro Val Glu Met Cys Arg  
 625 630 635 640

Pro Ala Ala Pro Leu Leu Asn Ser Asn Asn Glu Lys Thr Leu Ser Asp  
 645 650 655

Pro Asn Thr Glu Ala Asn Arg His Tyr Gly Tyr Asn Glu Asp Val Gly  
 660 665 670

Asn His Ala Met Lys Pro Leu Asn Glu Asn Lys Glu Pro Leu Thr Leu  
 675 680 685

Asp Val Glu Tyr Thr Glu Val Glu Val Thr Ser Pro Glu Pro His Arg  
 690 695 700

Gly Leu Gly Thr Lys Gly Thr Glu Thr Val Tyr Ser Glu Ile Arg Lys  
 705 710 715 720

Ala Asp Pro Asp Leu Val Glu Asn Arg Tyr Ser Arg Thr Glu Gly Ser  
 725 730 735

Leu Asp Gly Thr  
740

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<212> PRT  
<213> Artificial

<220>  
<223> rat-derived CD31 peptide

<400> 10

Val Arg Val Phe Leu Ala Pro Trp Lys Lys  
1 5 10

<210> 11  
<211> 10  
<212> PRT  
<213> Artificial

<220>  
<223> pig-derived CD31 peptide

<400> 11

Val Arg Val Tyr Leu Ala Pro Trp Lys Lys  
1 5 10

<210> 12  
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<220>  
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<400> 12

Val Arg Val Tyr Leu Pro Leu Glu Lys  
1 5

<210> 13  
<211> 23  
<212> PRT  
<213> Artificial

<220>  
<223> scramble peptide

<400> 13

Ser Met Pro Ala Val Arg Ser Arg Phe Ser Ala Thr Ser Leu Val Thr  
1 5 10 15



Leu Lys Ser Arg Trp Pro Lys  
20

<210> 14

<211> 10

<212> PRT

<213> Artificial

<220>

<223> scramble peptide

<400> 14

Trp Pro Lys Leu Arg Lys Phe Val Ala Val  
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