

SEQUENCE LISTING

<110> VIB vzw

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<130> CAM/act/V160

<150> EP03101967.2

<151> 2003-07-01

<160> 75

<170> PatentIn version 3.1

<210> 1

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<213> Homo sapiens

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

Gln Lys Asp Ser Tyr Val Gly Asp Glu Ala Gln Ser Lys Arg Gly Ile
50 55 60

Leu Thr Leu Lys Tyr Pro Ile Glu His Gly Ile Val Thr Asn Trp Asp
65 70 75 80

Asp Met Glu Lys Ile Trp His His Thr Phe Tyr Asn Glu Leu Arg Val
85 90 95

Ala Pro Glu Glu His Pro Val Leu Leu Thr Glu Ala Pro Leu Asn Pro
100 105 110

Lys Ala Asn Arg Glu Lys Met Thr Gln Ile Met Phe Glu Thr Phe Asn
115 120 125

Thr Pro Ala Met Tyr Val Ala Ile Gln Ala Val Leu Ser Leu Tyr Ala
130 135 140

Ser Gly Arg Thr Thr Gly Ile Val Met Asp Ser Gly Asp Gly Val Thr
145 150 155 160

His Thr Val Pro Ile Tyr Glu Gly Tyr Ala Leu Pro His Ala Ile Leu
165 170 175

Arg Leu Asp Leu Ala Gly Arg Asp Leu Thr Asp Tyr Leu Met Lys Ile
180 185 190

Leu Thr Glu Arg Gly Tyr Ser Phe Thr Thr Thr Ala Glu Arg Glu Ile
195 200 205

Val Arg Asp Ile Lys Glu Lys Leu Cys Tyr Val Ala Leu Asp Phe Glu
210 215 220

Gln Glu Met Ala Thr Ala Ala Ser Ser Ser Ser Leu Glu Lys Ser Tyr
225 230 235 240

Glu Leu Pro Asp Gly Gln Val Ile Thr Ile Gly Asn Glu Arg Phe Arg
245 250 255

Cys Pro Glu Ala Leu Phe Gln Pro Ser Phe Leu Gly Met Glu Ser Cys
260 265 270

Gly Ile His Glu Thr Thr Phe Asn Ser Ile Met Lys Cys Asp Val Asp
275 280 285

Ile Arg Lys Asp Leu Tyr Ala Asn Thr Val Leu Ser Gly Gly Thr Thr
290 295 300

Met Tyr Pro Gly Ile Ala Asp Arg Met Gln Lys Glu Ile Thr Ala Leu
305 310 315 320

Ala Pro Ser Thr Met Lys Ile Lys Ile Ile Ala Pro Pro Glu Arg Lys
325 330 335

Tyr Ser Val Trp Ile Gly Gly Ser Ile Leu Ala Ser Leu Ser Thr Phe
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Gln Gln Met Trp Ile Ser Lys Gln Glu Tyr Asp Glu Ser Gly Pro Ser
355 360 365

Ile Val His Arg Lys Cys Phe
370 375

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Val Asp Asn Gly Ser
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Val Gly Arg Pro Arg
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His Gln Gly Val Met
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Val Gly Met Gly Gln
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Lys Asp Ser Tyr Val
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Gly Asp Glu Ala Gln
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Ser Lys Arg Gly Ile
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Leu Thr Leu Lys Tyr
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Pro Ile Glu His Gly
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Ile Val Thr Asn Trp
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Asp Asp Met Glu Lys
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Ile Trp His His Thr
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Phe Tyr Asn Glu Leu
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Glu His Pro Val Leu
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Leu Thr Glu Ala Pro
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Leu Asn Pro Lys Ala
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Asn Arg Glu Lys Met
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Thr Gln Ile Met Phe
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Glu Thr Phe Asn Thr
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Pro Ala Met Tyr Val
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Ala Ile Gln Ala Val
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Leu Ser Leu Tyr Ala
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Ser Gly Arg Thr Thr
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Gly Ile Val Met Asp
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Thr His Thr Val Pro
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Ile Tyr Glu Gly Tyr
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Ala Leu Pro His Ala
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Ile Leu Arg Leu Asp
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Asp Leu Ala Gly Arg
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Asp Leu Thr Asp Tyr
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Leu Met Lys Ile Leu
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Thr Glu Arg Gly Tyr
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Ser Phe Thr Thr Thr
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Ala Glu Arg Glu Ile Val
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Arg Asp Ile Lys Glu
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Lys Leu Cys Tyr Val
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Ala Leu Asp Phe Glu
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Gln Glu Met Ala Thr
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Ala Ala Ser Ser Ser
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Ser Leu Glu Lys Ser
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<223> actin alanine mutant (aa change d) - actb240

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Tyr Glu Leu Pro Asp
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Gly Gln Val Ile Thr
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Ile Gly Asn Glu Arg
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<211> 5

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<223> actin alanine mutant (aa changed) - actb255

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Phe Arg Cys Pro Glu
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<223> actin alanine mutant (aa changed) - actb260

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Ala Leu Phe Gln Pro
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Ser Phe Leu Gly Met
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Glu Ser Cys Gly Ile
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His Glu Thr Thr Phe
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Asn Ser Ile Met Lys
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Cys Asp Val Asp Ile
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Arg Lys Asp Leu Tyr
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Ala Asn Thr Val Leu
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Ser Gly Gly Thr Thr
1 5

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Met Tyr Pro Gly Ile

1 5

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Ala Asp Arg Met Gln
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Lys Glu Ile Thr Ala
1 5

<210> 65
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Leu Ala Pro Ser Thr
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Met Lys Ile Lys Ile
1 5

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Ile Ala Pro Pro Glu
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Arg Lys Tyr Ser Val
1 5

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Trp Ile Gly Gly Ser
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Ile Leu Ala Ser Leu
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Ser Thr Phe Gln Gln
1 5

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Met Lys Ile Ser Lys
1 5

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Gln Glu Tyr Asp Glu
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Ser Gly Pro Ser Ile
1 5

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<400> 75

Val His Arg Lys Cys Phe
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