

SEQUENCE LISTING

<110> Roche Diagnostics GmbH
F. Hoffmann-La Roche AG

<120> Serpin B 13 as a marker for squamous cell carcinoma of the lung

<130> 25424 WO

<150> EP09003092

<151> 2009-03-04

<160> 5

<170> PatentIn version 3.3

<210> 1

<211> 391

<212> PRT

<213> Homo sapiens

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Gly Ile Leu Thr Ala Ile Gly Met Val Leu Leu Gly Thr Arg Gly Ala
35 40 45

Thr Ala Ser Gln Leu Glu Glu Val Phe His Ser Glu Lys Glu Thr Lys
50 55 60

Ser Ser Arg Ile Lys Ala Glu Glu Lys Glu Val Ile Glu Asn Thr Glu
65 70 75 80

Ala Val His Gln Gln Phe Gln Lys Phe Leu Thr Glu Ile Ser Lys Leu
85 90 95

Thr Asn Asp Tyr Glu Leu Asn Ile Thr Asn Arg Leu Phe Gly Glu Lys
100 105 110

Thr Tyr Leu Phe Leu Gln Lys Tyr Leu Asp Tyr Val Glu Lys Tyr Tyr
115 120 125

His Ala Ser Leu Glu Pro Val Asp Phe Val Asn Ala Ala Asp Glu Ser
130 135 140

Arg Lys Lys Ile Asn Ser Trp Val Glu Ser Lys Thr Asn Glu Lys Ile
145 150 155 160

Lys Asp Leu Phe Pro Asp Gly Ser Ile Ser Ser Ser Thr Lys Leu Val
165 170 175

Leu Val Asn Met Val Tyr Phe Lys Gly Gln Trp Asp Arg Glu Phe Lys
180 185 190

Lys Glu Asn Thr Lys Glu Glu Lys Phe Trp Met Asn Lys Ser Thr Ser
195 200 205

Lys Ser Val Gln Met Met Thr Gln Ser His Ser Phe Ser Phe Thr Phe
210 215 220

Leu Glu Asp Leu Gln Ala Lys Ile Leu Gly Ile Pro Tyr Lys Asn Asn
225 230 235 240

Asp Leu Ser Met Phe Val Leu Leu Pro Asn Asp Ile Asp Gly Leu Glu
245 250 255

Lys Ile Ile Asp Lys Ile Ser Pro Glu Lys Leu Val Glu Trp Thr Ser
260 265 270

Pro Gly His Met Glu Glu Arg Lys Val Asn Leu His Leu Pro Arg Phe
275 280 285

Glu Val Glu Asp Gly Tyr Asp Leu Glu Ala Val Leu Ala Ala Met Gly
290 295 300

Met Gly Asp Ala Phe Ser Glu His Lys Ala Asp Tyr Ser Gly Met Ser
305 310 315 320

Ser Gly Ser Gly Leu Tyr Ala Gln Lys Phe Leu His Ser Ser Phe Val
325 330 335

Ala Val Thr Glu Glu Gly Thr Glu Ala Ala Ala Ala Thr Gly Ile Gly
340 345 350

Phe Thr Val Thr Ser Ala Pro Gly His Glu Asn Val His Cys Asn His
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Pro Phe Leu Phe Phe Ile Arg His Asn Glu Ser Asn Ser Ile Leu Phe
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Phe Gly Arg Phe Ser Ser Pro
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<212> PRT
<213> Homo sapiens

<400> 2

Met Asp Ser Leu Gly Ala Val Ser Thr Arg Leu Gly Phe Asp Leu Phe
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Lys Glu Leu Lys Lys Thr Asn Asp Gly Asn Ile Phe Phe Ser Pro Val
20 25 30

Gly Ile Leu Thr Ala Ile Gly Met Val Leu Leu Gly Thr Arg Gly Ala
35 40 45

Thr Ala Ser Gln Leu Glu Glu Val Phe His Ser Glu Lys Glu Thr Lys
50 55 60

Ser Ser Arg Ile Lys Ala Glu Glu Lys Glu Val Ile Glu Asn Thr Glu
65 70 75 80

Ala Val His Gln Gln Phe Gln Lys Phe Leu Thr Glu Ile Ser Lys Leu
85 90 95

Thr Asn Asp Tyr Glu Leu Asn Ile Thr Asn Arg Leu Phe Gly Glu Lys
100 105 110

Thr Tyr Leu Phe Leu Gln Lys Tyr Leu Asp Tyr Val Glu Lys Tyr Tyr
115 120 125

His Ala Ser Leu Glu Pro Val Asp Phe Val Asn Ala Ala Asp Glu Ser
130 135 140

Arg Lys Lys Ile Asn Ser Trp Val Glu Ser Lys Thr Asn Glu Lys Ile
145 150 155 160

Lys Asp Leu Phe Pro Asp Gly Ser Ile Ser Ser Ser Thr Lys Leu Val
165 170 175

Leu Val Asn Met Val Tyr Phe Lys Gly Gln Trp Asp Arg Glu Phe Lys
180 185 190

Lys Glu Asn Thr Lys Glu Glu Lys Phe Trp Met Asn Lys Ile Ile Asp
195 200 205

Lys Ile Ser Pro Glu Lys Leu Val Glu Trp Thr Ser Pro Gly His Met
210 215 220

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

Gly Tyr Asp Leu Glu Ala Val Leu Ala Ala Met Gly Met Gly Asp Ala
245 250 255

Phe Ser Glu His Lys Ala Asp Tyr Ser Gly Met Ser Ser Gly Ser Gly
260 265 270

Leu Tyr Ala Gln Lys Phe Leu His Ser Ser Phe Val Ala Val Thr Glu
275 280 285

Glu Gly Thr Glu Ala Ala Ala Ala Thr Gly Ile Gly Phe Thr Val Thr
290 295 300

Ser Ala Pro Gly His Glu Asn Val His Cys Asn His Pro Phe Leu Phe
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Phe Ile Arg His Asn Glu Ser Asn Ser Ile Leu Phe Phe Gly Arg Phe
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Ser Ser Pro

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<212> DNA
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<220>
<223> Primer

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cattgaaggc cgtgattcac ttggcgccgt cagcactc 98

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<220>

<223> Primer

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<212> PRT

<213> Artificial

<220>

<223> Peptide

<400> 5

Met Arg Gly Ser His His His His His His Ile Glu Gly Arg

1

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