

52252K Sequenzprotokoll
SEQUENZPROTOKOLL

<110> Orthogen AG
<120> Kombinationspräparate mit Cytokin-Antagonist und Corticosteroid
<130> 52 252 K
<160> 8
<170> PatentIn version 3.3
<210> 1
<211> 177
<212> PRT
<213> Homo sapiens

<400> 1

Met Glu Ile Cys Arg Gly Leu Arg Ser His Leu Ile Thr Leu Leu Leu
1 5 10 15

Phe Leu Phe His Ser Glu Thr Ile Cys Arg Pro Ser Gly Arg Lys Ser
20 25 30

Ser Lys Met Gln Ala Phe Arg Ile Trp Asp Val Asn Gln Lys Thr Phe
35 40 45

Tyr Leu Arg Asn Asn Gln Leu Val Ala Gly Tyr Leu Gln Gly Pro Asn
50 55 60

Val Asn Leu Glu Glu Lys Ile Asp Val Val Pro Ile Glu Pro His Ala
65 70 75 80

Leu Phe Leu Gly Ile His Gly Gly Lys Met Cys Leu Ser Cys Val Lys
85 90 95

Ser Gly Asp Glu Thr Arg Leu Gln Leu Glu Ala Val Asn Ile Thr Asp
100 105 110

Leu Ser Glu Asn Arg Lys Gln Asp Lys Arg Phe Ala Phe Ile Arg Ser
115 120 125

Asp Ser Gly Pro Thr Thr Ser Phe Glu Ser Ala Ala Cys Pro Gly Trp
130 135 140

Phe Leu Cys Thr Ala Met Glu Ala Asp Gln Pro Val Ser Leu Thr Asn
145 150 155 160

Met Pro Asp Glu Gly Val Met Val Thr Lys Phe Tyr Phe Gln Glu Asp
165 170 175

Glu

<210> 2
<211> 159

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<212> PRT
<213> Homo sapiens

<400> 2

Met Ala Leu Glu Thr Ile Cys Arg Pro Ser Gly Arg Lys Ser Ser Lys
1 5 10 15

Met Gln Ala Phe Arg Ile Trp Asp Val Asn Gln Lys Thr Phe Tyr Leu
20 25 30

Arg Asn Asn Gln Leu Val Ala Gly Tyr Leu Gln Gly Pro Asn Val Asn
35 40 45

Leu Glu Glu Lys Ile Asp Val Val Pro Ile Glu Pro His Ala Leu Phe
50 55 60

Leu Gly Ile His Gly Gly Lys Met Cys Leu Ser Cys Val Lys Ser Gly
65 70 75 80

Asp Glu Thr Arg Leu Gln Leu Glu Ala Val Asn Ile Thr Asp Leu Ser
85 90 95

Glu Asn Arg Lys Gln Asp Lys Arg Phe Ala Phe Ile Arg Ser Asp Ser
100 105 110

Gly Pro Thr Thr Ser Phe Glu Ser Ala Ala Cys Pro Gly Trp Phe Leu
115 120 125

Cys Thr Ala Met Glu Ala Asp Gln Pro Val Ser Leu Thr Asn Met Pro
130 135 140

Asp Glu Gly Val Met Val Thr Lys Phe Tyr Phe Gln Glu Asp Glu
145 150 155

<210> 3
<211> 180
<212> PRT
<213> Homo sapiens

<400> 3

Met Ala Leu Ala Asp Leu Tyr Glu Glu Gly Gly Gly Gly Gly Gly Glu
1 5 10 15

Gly Glu Asp Asn Ala Asp Ser Lys Glu Thr Ile Cys Arg Pro Ser Gly
20 25 30

Arg Lys Ser Ser Lys Met Gln Ala Phe Arg Ile Trp Asp Val Asn Gln
35 40 45

Lys Thr Phe Tyr Leu Arg Asn Asn Gln Leu Val Ala Gly Tyr Leu Gln
50 55 60

Gly Pro Asn Val Asn Leu Glu Glu Lys Ile Asp Val Val Pro Ile Glu
Seite 2

65 70 75 80

Pro His Ala Leu Phe Leu Gly Ile His Gly Gly Lys Met Cys Leu Ser
85 90 95

Cys Val Lys Ser Gly Asp Glu Thr Arg Leu Gln Leu Glu Ala Val Asn
100 105 110

Ile Thr Asp Leu Ser Glu Asn Arg Lys Gln Asp Lys Arg Phe Ala Phe
115 120 125

Ile Arg Ser Asp Ser Gly Pro Thr Thr Ser Phe Glu Ser Ala Ala Cys
130 135 140

Pro Gly Trp Phe Leu Cys Thr Ala Met Glu Ala Asp Gln Pro Val Ser
145 150 155 160

Leu Thr Asn Met Pro Asp Glu Gly Val Met Val Thr Lys Phe Tyr Phe
165 170 175

Gln Glu Asp Glu
180

<210>	4
<211>	143
<212>	PRT
<213>	Homo sapiens

<400> 4

Met Gln Ala Phe Arg Ile Trp Asp Val Asn Gln Lys Thr Phe Tyr Leu
1 5 10 15

Arg Asn Asn Gln Leu Val Ala Gly Tyr Leu Gln Gly Pro Asn Val Asn
20 25 30

Leu Glu Glu Lys Ile Asp Val Val Pro Ile Glu Pro His Ala Leu Phe
35 40 45

Leu Gly Ile His Gly Gly Lys Met Cys Leu Ser Cys Val Lys Ser Gly
50 55 60

Asp Glu Thr Arg Leu Gln Leu Glu Ala Val Asn Ile Thr Asp Leu Ser
65 70 75 80

Glu Asn Arg Lys Gln Asp Lys Arg Phe Ala Phe Ile Arg Ser Asp Ser
85 90 95

Gly Pro Thr Thr Ser Phe Glu Ser Ala Ala Cys Pro Gly Trp Phe Leu
100 105 110

Cys Thr Ala Met Glu Ala Asp Gln Pro Val Ser Leu Thr Asn Met Pro
115 120 125

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Asp Glu Gly Val Met Val Thr Lys Phe Tyr Phe Gln Glu Asp Glu
130 135 140

<210> 5
<211> 155
<212> PRT
<213> Homo sapiens

<400> 5

Met Val Leu Ser Gly Ala Leu Cys Phe Arg Met Lys Asp Ser Ala Leu
1 5 10 15

Lys Val Leu Tyr Leu His Asn Asn Gln Leu Leu Ala Gly Gly Leu His
20 25 30

Ala Gly Lys Val Ile Lys Gly Glu Glu Ile Ser Val Val Pro Asn Arg
35 40 45

Trp Leu Asp Ala Ser Leu Ser Pro Val Ile Leu Gly Val Gln Gly Gly
50 55 60

Ser Gln Cys Leu Ser Cys Gly Val Gly Gln Glu Pro Thr Leu Thr Leu
65 70 75 80

Glu Pro Val Asn Ile Met Glu Leu Tyr Leu Gly Ala Lys Glu Ser Lys
85 90 95

Ser Phe Thr Phe Tyr Arg Arg Asp Met Gly Leu Thr Ser Ser Phe Glu
100 105 110

Ser Ala Ala Tyr Pro Gly Trp Phe Leu Cys Thr Val Pro Glu Ala Asp
115 120 125

Gln Pro Val Arg Leu Thr Gln Leu Pro Glu Asn Gly Gly Trp Asn Ala
130 135 140

Pro Ile Thr Asp Phe Tyr Phe Gln Gln Cys Asp
145 150 155

<210> 6
<211> 177
<212> PRT
<213> Equus caballus

<400> 6

Met Glu Ile Arg Arg Arg Ser Val Arg His Leu Ile Ser Leu Leu Leu
1 5 10 15

Phe Leu Phe Tyr Ser Glu Thr Ala Cys His Pro Leu Gly Lys Arg Pro
20 25 30

Cys Lys Met Gln Ala Phe Arg Ile Trp Asp Val Asn Gln Lys Thr Phe
35 40 45

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Tyr Met Arg Asn Asn Gln Leu Val Ala Gly Tyr Leu Gln Glu Ser Asn
50 55 60

Thr Lys Leu Gln Glu Lys Ile Asp Val Val Pro Ile Glu Pro Asp Ala
65 70 75 80

Leu Phe Leu Gly Leu His Gly Arg Lys Leu Cys Leu Ala Cys Val Lys
85 90 95

Ser Gly Asp Glu Ile Arg Phe Gln Leu Glu Ala Val Asn Ile Thr Asp
100 105 110

Leu Ser Lys Asn Lys Glu Glu Asn Lys Arg Phe Thr Phe Ile Arg Ser
115 120 125

Asn Ser Gly Pro Thr Thr Ser Phe Glu Ser Ala Ala Cys Pro Gly Trp
130 135 140

Phe Leu Cys Thr Ala Gln Glu Ala Asp Arg Pro Val Ser Leu Thr Asn
145 150 155 160

Lys Pro Lys Glu Ser Phe Met Val Thr Lys Phe Tyr Leu Gln Glu Asp
165 170 175

Gln

<210> 7
<211> 177
<212> PRT
<213> Equus caballus

<400> 7

Met Glu Ile Arg Arg Arg Ser Val Arg His Leu Ile Ser Leu Leu Leu
1 5 10 15

Phe Leu Leu Tyr Ser Glu Thr Ala Cys His Pro Leu Gly Lys Arg Pro
20 25 30

Cys Lys Met Gln Ala Phe Arg Ile Trp Asp Val Asn Gln Lys Thr Phe
35 40 45

Tyr Met Arg Asn Asn Gln Leu Val Ala Gly Tyr Leu Gln Glu Ser Asn
50 55 60

Thr Lys Leu Gln Glu Lys Ile Asp Val Val Pro Ile Glu Pro Asp Ala
65 70 75 80

Leu Phe Leu Gly Leu His Gly Arg Lys Leu Cys Leu Ala Cys Val Lys
85 90 95

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Ser Gly Asp Glu Ile Arg Phe Gln Leu Glu Ala Val Asn Ile Thr Asp
100 105 110

Leu Ser Lys Asn Lys Glu Glu Asn Lys Arg Phe Thr Phe Ile Arg Ser
115 120 125

Asn Ser Gly Pro Thr Thr Ser Phe Glu Ser Ala Ala Cys Pro Gly Trp
130 135 140

Phe Leu Cys Thr Ala Gln Glu Ala Asp Arg Pro Val Ser Leu Thr Asn
145 150 155 160

Lys Pro Lys Glu Ser Phe Met Val Thr Lys Phe Tyr Leu Gln Glu Asp
165 170 175

Gln

<210> 8
<211> 176
<212> PRT
<213> Canis familiaris

<400> 8

Met Glu Thr Cys Arg Cys Pro Leu Ser Tyr Leu Ile Ser Phe Leu Leu
1 5 10 15

Phe Leu Ser His Ser Glu Thr Ala Cys Arg Pro Leu Gly Lys Arg Pro
20 25 30

Cys Arg Met Gln Ala Phe Arg Ile Trp Asp Val Asn Gln Lys Thr Phe
35 40 45

Tyr Leu Arg Asn Asn Gln Leu Val Ala Gly Tyr Leu Gln Gly Ser Asn
50 55 60

Thr Lys Leu Glu Glu Lys Leu Asp Val Val Pro Val Glu Pro His Ala
65 70 75 80

Val Phe Leu Gly Ile His Gly Gly Lys Leu Cys Leu Ala Cys Val Lys
85 90 95

Ser Gly Asp Glu Thr Arg Leu Gln Leu Glu Ala Val Asn Ile Thr Asp
100 105 110

Leu Ser Lys Asn Lys Asp Gln Asp Lys Arg Phe Thr Phe Ile Leu Ser
115 120 125

Asp Ser Gly Pro Thr Thr Ser Phe Glu Ser Ala Ala Cys Pro Gly Trp
130 135 140

Phe Leu Cys Thr Ala Leu Glu Ala Asp Arg Pro Val Ser Leu Thr Asn
145 150 155 160

52252K Sequenzprotokoll

Arg Pro Glu Glu Ala Met Met Val Thr Lys Phe Tyr Phe Gln Lys Glu
165 170 175