

# SEQUENCE LISTING

<110> Novo Nordisk A/S

<120> PEPTIDES WITH HIGH AFFINITY FOR THE PROLACTIN RECEPTOR

<130> 7697.504-WO

<160> 3

<170> PatentIn version 3.5

<210> 1

<211> 199

<212> PRT

<213> Homo sapiens

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Leu Pro Ile Cys Pro Gly Gly Ala Ala Arg Cys Gln Val Thr Leu Arg  
1 5 10 15

Asp Leu Phe Asp Arg Ala Val Val Leu Ser His Tyr Ile His Asn Leu  
20 25 30

Ser Ser Glu Met Phe Ser Glu Phe Asp Lys Arg Tyr Thr His Gly Arg  
35 40 45

Gly Phe Ile Thr Lys Ala Ile Asn Ser Cys His Thr Ser Ser Leu Ala  
50 55 60

Thr Pro Glu Asp Lys Glu Gln Ala Gln Gln Met Asn Gln Lys Asp Phe  
65 70 75 80

Leu Ser Leu Ile Val Ser Ile Leu Arg Ser Trp Asn Glu Pro Leu Tyr  
85 90 95

His Leu Val Thr Glu Val Arg Gly Met Gln Glu Ala Pro Glu Ala Ile  
100 105 110

Leu Ser Lys Ala Val Glu Ile Glu Glu Gln Thr Lys Arg Leu Leu Glu  
115 120 125

Gly Met Glu Leu Ile Val Ser Gln Val His Pro Glu Thr Lys Glu Asn  
130 135 140

Glu Ile Tyr Pro Val Trp Ser Gly Leu Pro Ser Leu Gln Met Ala Asp  
145 150 155 160

Glu Glu Ser Arg Leu Ser Ala Tyr Tyr Asn Leu Leu His Cys Leu Arg  
165 170 175

Arg Asp Ser His Lys Ile Asp Asn Tyr Leu Lys Leu Leu Lys Cys Arg  
180 185 190

Ile Ile His Asn Asn Asn Cys  
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<212> PRT  
<213> Homo sapiens

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Phe Pro Thr Ile Pro Leu Ser Arg Leu Phe Asp Asn Ala Met Leu Arg  
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Ala His Arg Leu His Gln Leu Ala Phe Asp Thr Tyr Gln Glu Phe Glu  
20 25 30

Glu Ala Tyr Ile Pro Lys Glu Gln Lys Tyr Ser Phe Leu Gln Asn Pro  
35 40 45

Gln Thr Ser Leu Cys Phe Ser Glu Ser Ile Pro Thr Pro Ser Asn Arg  
50 55 60

Glu Glu Thr Gln Gln Lys Ser Asn Leu Glu Leu Leu Arg Ile Ser Leu  
65 70 75 80

Leu Leu Ile Gln Ser Trp Leu Glu Pro Val Gln Phe Leu Arg Ser Val  
85 90 95

Phe Ala Asn Ser Leu Val Tyr Gly Ala Ser Asp Ser Asn Val Tyr Asp  
100 105 110

Leu Leu Lys Asp Leu Glu Glu Gly Ile Gln Thr Leu Met Gly Arg Leu  
115 120 125

Glu Asp Gly Ser Pro Arg Thr Gly Gln Ile Phe Lys Gln Thr Tyr Ser  
130 135 140

Lys Phe Asp Thr Asn Ser His Asn Asp Asp Ala Leu Leu Lys Asn Tyr  
145 150 155 160

Gly Leu Leu Tyr Cys Phe Arg Lys Asp Met Asp Lys Val Glu Thr Phe  
165 170 175

Leu Arg Ile Val Gln Cys Arg Ser Val Glu Gly Ser Cys Gly Phe  
180 185 190

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<400> 3

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

Cys Leu Pro Trp Leu Gln Glu Ala Gly Ala Val Gln Thr Val Pro Leu  
20 25 30

Ser Arg Leu Phe Asp His Ala Met Leu Gln Ala His Arg Ala His Gln  
35 40 45

Leu Ala Ile Asp Thr Tyr Gln Glu Phe Glu Glu Thr Tyr Ile Pro Lys  
50 55 60

Asp Gln Lys Tyr Ser Phe Leu His Asp Ser Gln Thr Ser Phe Cys Phe  
65 70 75 80

Ser Asp Ser Ile Pro Thr Pro Ser Asn Met Glu Glu Thr Gln Gln Lys  
85 90 95

Ser Asn Leu Glu Leu Leu Arg Ile Ser Leu Leu Leu Ile Glu Ser Trp  
100 105 110

Leu Glu Pro Val Arg Phe Leu Arg Ser Met Phe Ala Asn Asn Leu Val  
115 120 125

Tyr Asp Thr Ser Asp Ser Asp Asp Tyr His Leu Leu Lys Asp Leu Glu  
130 135 140

Glu Gly Ile Gln Thr Leu Met Gly Arg Leu Glu Asp Gly Ser Arg Arg  
145 150 155 160

Thr Gly Gln Ile Leu Lys Gln Thr Tyr Ser Lys Phe Asp Thr Asn Ser  
165 170 175

His Asn His Asp Ala Leu Leu Lys Asn Tyr Gly Leu Leu Tyr Cys Phe  
180 185 190

Arg Lys Asp Met Asp Lys Val Glu Thr Phe Leu Arg Thr Val Gln Cys  
195 200 205

Arg Ser Val Glu Gly Ser Cys Gly Phe  
210 215