

## SEQUENCE LISTING

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5    <210> 1
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10   <220>
    <223> polypeptide dimer comprising two gp130-Fc fusion peptides

    <220>
    <221> CHAIN
    <222> 585..595
15   <223> part of gp130 D6 domain

    <220>
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    <222> 609..612
20   <223> part of Fc domain hinge region

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    1          5          10          15
25   Gln Leu His Ser Asn Phe Thr Ala Val Cys Val Leu Lys Glu Lys Cys
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    Met Asp Tyr Phe His Val Asn Ala Asn Tyr Ile Val Trp Lys Thr Asn
    35          40          45
30   His Phe Thr Ile Pro Lys Glu Gln Tyr Thr Ile Ile Asn Arg Thr Ala
    50          55          60
    Ser Ser Val Thr Phe Thr Asp Ile Ala Ser Leu Asn Ile Gln Leu Thr
    65          70          75          80
    Cys Asn Ile Leu Thr Phe Gly Gln Leu Glu Gln Asn Val Tyr Gly Ile
    85          90          95
35   Thr Ile Ile Ser Gly Leu Pro Pro Glu Lys Pro Lys Asn Leu Ser Cys
    100         105         110
    Ile Val Asn Glu Gly Lys Lys Met Arg Cys Glu Trp Asp Gly Gly Arg
    115         120         125
40   Glu Thr His Leu Glu Thr Asn Phe Thr Leu Lys Ser Glu Trp Ala Thr
    130         135         140
    His Lys Phe Ala Asp Cys Lys Ala Lys Arg Asp Thr Pro Thr Ser Cys
    145         150         155         160
    Thr Val Asp Tyr Ser Thr Val Tyr Phe Val Asn Ile Glu Val Trp Val
    165         170         175
45   Glu Ala Glu Asn Ala Leu Gly Lys Val Thr Ser Asp His Ile Asn Phe
    180         185         190
    Asp Pro Val Tyr Lys Val Lys Pro Asn Pro Pro His Asn Leu Ser Val
    195         200         205
50   Ile Asn Ser Glu Glu Leu Ser Ser Ile Leu Lys Leu Thr Trp Thr Asn
    210         215         220
    Pro Ser Ile Lys Ser Val Ile Ile Leu Lys Tyr Asn Ile Gln Tyr Arg
    225         230         235         240
    Thr Lys Asp Ala Ser Thr Trp Ser Gln Ile Pro Pro Glu Asp Thr Ala
    245         250         255

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	Tyr	Val	Phe	Arg	Ile	Arg	Cys	Met	Lys	Glu	Asp	Gly	Lys	Gly	Tyr	Trp
			275					280					285			
5	Ser	Asp	Trp	Ser	Glu	Glu	Ala	Ser	Gly	Ile	Thr	Tyr	Glu	Asp	Arg	Pro
		290					295					300				
	Ser	Lys	Ala	Pro	Ser	Phe	Trp	Tyr	Lys	Ile	Asp	Pro	Ser	His	Thr	Gln
	305					310					315					320
10	Gly	Tyr	Arg	Thr	Val	Gln	Leu	Val	Trp	Lys	Thr	Leu	Pro	Pro	Phe	Glu
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	Ala	Asn	Gly	Lys	Ile	Leu	Asp	Tyr	Glu	Val	Thr	Leu	Thr	Arg	Trp	Lys
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	Ser	His	Leu	Gln	Asn	Tyr	Thr	Val	Asn	Ala	Thr	Lys	Leu	Thr	Val	Asn
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20	Ala	Thr	His	Pro	Val	Met	Asp	Leu	Lys	Ala	Phe	Pro	Lys	Asp	Asn	Met
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	Leu	Trp	Val	Glu	Trp	Thr	Thr	Pro	Arg	Glu	Ser	Val	Lys	Lys	Tyr	Ile
				420					425					430		
	Leu	Glu	Trp	Cys	Val	Leu	Ser	Asp	Lys	Ala	Pro	Cys	Ile	Thr	Asp	Trp
			435					440					445			
25	Gln	Gln	Glu	Asp	Gly	Thr	Val	His	Arg	Thr	Tyr	Leu	Arg	Gly	Asn	Leu
		450					455					460				
	Ala	Glu	Ser	Lys	Cys	Tyr	Leu	Ile	Thr	Val	Thr	Pro	Val	Tyr	Ala	Asp
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	Pro	Ser	Lys	Gly	Pro	Thr	Val	Arg	Thr	Lys	Lys	Val	Gly	Lys	Asn	Glu
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35	Ile	Arg	Asn	Tyr	Thr	Ile	Phe	Tyr	Arg	Thr	Ile	Ile	Gly	Asn	Glu	Thr
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	Ala	Val	Asn	Val	Asp	Ser	Ser	His	Thr	Glu	Tyr	Thr	Leu	Ser	Ser	Leu
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40	Thr	Ser	Asp	Thr	Leu	Tyr	Met	Val	Arg	Met	Ala	Ala	Tyr	Thr	Asp	Glu
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			595					600					605			
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	Val	Glu	Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr	Asn
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10	Ala	Val	Glu	Trp	Glu	Ser	Asn	Gly	Gln	Pro	Glu	Asn	Asn	Tyr	Lys	Thr
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15	Ser	Val	Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr	Gln	Lys	Ser	Leu
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25 <220>  
 <223> part of gp130 D6 domain, amino acids No 585..595 of SEQ ID NO: 1

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35 <210> 3  
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40 <220>  
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 Ala Glu Gly Ala  
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