

aggacgcgcgggtgggtaggggtgcagggcggcggcgcagccgagggccgcgtgcccggggc 60  
 gacgccgcgccagccagtcagccacagcagcgcgggtcagccagggcggaccagcttc 120  
 agagctgctgaaatccttgagggaagaaaacacatcccaccctgcctccgggaaggggccc 180 exon|exon  
 tctcctggacatgtctcctgcagctgctgctgagccagatggggaccagcaggacagaca 240  
 Ac-N S P A A A A E P D G D Q Q D R H 17 start  
 in Acetylation  
 cgtcagcaaactcatcttctgcttctttgtcttcggcgcgcgtcttgttgtgtgtgggagt 300  
 V S K L I F C F F V F G A V L L C V G V 37 tmem  
 cctgctctccatctttgggttccaggcatgccaatataagcccctccagactgcccct 360  
 L L S I F G F Q A C Q Y K P L P D C P M 57 disulfide  
 out bond  
 ggtgctcaaggtggcggggcctgcatgtgcccgtggttgggcttggggctgtgatcctggc 420  
 V L K V A G P A C A V V G L G A V I L A 77 tmem  
 ccgctcccgggcgcaacttcagctccgtgcagggctgcagagaggtcagcagatggacc 480  
 R S R A Q L Q L R A G L Q R G Q Q M D P 97  
 in  
 cgaccgagccttcatctgtggagagagccagtttgcccagtgcccttatctttgggtt 540  
 D R A F I C G E S R Q F A Q C L I F G F 117 S-palmi-  
 toylation  
 tctgttcttgacaagcggcatgctcatcagcgtcctgggcatttgggtccctggatgtgg 600  
 L F L T S G M L I S V L G I W V P G C G 137 tmem  
 ctccaactgggcgcaggaaccgctaaccgagacagacaactggcgactcagagcccggat 660 N-glycos-  
 S N W A Q E P L N E T D T G D S E P R M 157 ylation  
 out  
 gttgggttcccttctcctgcagatcatggggcccttgattgtgcttggggattgtgttt 720 disulfide  
 C G F L S L Q I M G P L I V L V G L C F 177 bond  
 cttcgtggttggccatgttaagaagagaaacacgctgaatgctggccaggatgcctctga 780 tmem  
 F V V A H V K K R N T L N A G Q D A S E 197  
 gagagaagagggacagatccagattatggagcctgtccaggtcactgtaggtgactcgg 840 exon|exon  
 R E E G Q I Q I M E P V Q V T V G D S V 217 O-Glc-NAc  
 aataatatttccaccccctccaccaccttactttcctgaatcttcagcttctgcccgtcgc 900  
 I I F P P P P P Y F P E S S A S A V A 237  
 proline multiplet  
 tgagagtcctggaactaacagctctgcttccgaatgaaaaccccccttcatattacagtat 960  
 E S P G T N S L L P N E N P P S Y Y S I 257 phospho-  
 in rylation  
 tttcaactatggcaggaccccaacttcagaggggtgcagcctctgaaagagactgtgaatc 1020 exon|exon  
 F N Y G R T P T S E G A A S E R D C E S 277  
 tatatataccatttctgggacgaattcatcttctgaggcctcacacactccacatcttcc 1080  
 I Y T I S G T N S S S E A S H T P H L P 297 yin-yang  
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 S E L P P R Y E E K E N A A A T F L P L 317  
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 S S E P S P P \* 324 stop  
 tcactattttatttaattttttttaaataaaaataacaatagca 1244 poly a  
 signal