

Human G-protein coupled receptor 35 (GPR35) 3xHA-tagged (N-terminus) in pcDNA3.1

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                                >KpnI
                                |
                        >AflIII  >Asp7181
                        |      |
                >NheI  >PmeI  >HindIII
                |      |      |
                10      20      30      40      50
GCTAGCGTTTAAACTTAAGCTTGGTACCACCATGTACCCATACGATGTTT
CGATCGCAAATTTGAATTGCAACCATGGTGGTACATGGGTATGCTACAAG
                                M Y P Y D V>
                                _____3XHA_____>

                        60      70      80      90      100
CAGATTACGCTTACCCATACGATGTTCCAGATTACGCTTACCCATACGAT
GTCTAATGCGAATGGGTATGCTACAAGGTCTAATGCGAATGGGTATGCTA
P D Y A Y P Y D V P D Y A Y P Y D>
                                _____3XHA_____>

                        110     120     130     140     150
GTTCCAGATTACGCTGATAATGGCACCTACAACACCTGTGGCTCCAGCGA
CAAGGTCTAATGCGACTATTACCGTGGATGTTGTGGACACCGAGGTCGCT
V P D Y A D>
                                _____3XHA_____>
                                N G T Y N T C G S S D>
                                _____HUMAN G-PROTEIN COUPLED R_____>

                        160     170     180     190     200
CCTCACCTGGCCCCCAGCGATCAAGCTGGGCTTCTACGCCTACTTGGGCG
GGAGTGGAACGGGGGTCGCTAGTTTCGACCCGAAGATGCGGATGAACCCGC
L T W P P A I K L G F Y A Y L G>
                                _____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)_____>

                        210     220     230     240     250
TCCTGCTGGTGCTAGGCCTGCTGCTCAACAGCCTGGCGCTCTGGGTGTTT
AGGACGACCACGATCCGGACGACGAGTTGTGCGACCGCGAGACCCACAAG
V L L V L G L L L N S L A L W V F>
                                _____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)_____>

                        260     270     280     290     300
TGCTGCCGCATGCAGCAGTGGACGGAGACCCGCATCTACATGACCAACCT
ACGACGGCGTACGTCGTACCTGCCTCTGGGCGTAGATGTACTGGTTGGA
C C R M Q Q W T E T R I Y M T N L>
                                _____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)_____>

                        310     320     330     340     350
GGCGGTGGCCGACCTCTGCCTGCTGTGCACCTTGCCCTTCGTGCTGCACT
CCGCCACCGGCTGGAGACGGACGACACGTGGAACGGAAGCACGACGTGA
A V A D L C L L C T L P F V L H>
                                _____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)_____>

                        360     370     380     390     400
CCCTGCGAGACACCTCAGACACGCCGCTGTGCCAGCTCTCCAGGGCATC
GGGACGCTCTGTGGAGTCTGTGCGGCGACACGGTCGAGAGGGTCCCGTAG
S L R D T S D T P L C Q L S Q G I>
                                _____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)_____>

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410 420 430 440 450
 TACCTGACCAACAGGTACATGAGCATCAGCCTGGTCACGGCCATCGCCGT
 ATGGACTGGTTGTCCATGTACTCGTAGTCGGACCAGTGCCGGTAGCGGCA
 Y L T N R Y M S I S L V T A I A V>
 ____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)____>

460 470 480 490 500
 GGACCGCTATGTGGCCGTGCGGCACCCGCTGCGTGCCCGCGGGCTGCGGT
 CCTGGCGATACACCGGCACGCCGTGGGCGACGCACGGGCGCCCGACGCCA
 D R Y V A V R H P L R A R G L R>
 ____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)____>

510 520 530 540 550
 CCCCCAGGCAGGCTGCGGCCGTGTGCGCGGTCCTCTGGGTGCTGGTCATC
 GGGGGTCCGTCCGACGCCGGCACACGCGCCAGGAGACCCACGACCAGTAG
 S P R Q A A A V C A V L W V L V I>
 ____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)____>

560 570 580 590 600
 GGCTCCCTGGTGGCTCGCTGGCTCCTGGGGATTTCAGGAGGGCGGCTTCTG
 CCGAGGGACCAACGAGCGACCGAGGACCCCTAAGTCCTCCCGCCGAAGAC
 G S L V A R W L L G I Q E G G F C>
 ____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)____>

610 620 630 640 650
 CTTCAGGAGCACCCGGCACAAATTTCAACTCCATGGCGTTCCCGCTGCTGG
 GAAGTCCTCGTGGGCCGTGTTAAAGTTGAGGTACCGCAAGGGCGACGACC
 F R S T R H N F N S M A F P L L>
 ____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)____>

660 670 680 690 700
 GATTCTACCTGCCCCTGGCCGTGGTGGTCTTCTGCTCCCTGAAGGTGGTG
 CTAAGATGGACGGGGACCGGCACCACCAGAAGACGAGGGACTTCCACCAC
 G F Y L P L A V V V F C S L K V V>
 ____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)____>

710 720 730 740 750
 ACTGCCCTGGCCCAGAGGCCACCCACCGACGTGGGGCAGGCAGAGGCCAC
 TGACGGGACCGGGTCTCCGGTGGGTGGCTGCACCCCGTCCGTCTCCGGTG
 T A L A Q R P P T D V G Q A E A T>
 ____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)____>

760 770 780 790 800
 CCGCAAGGCTGCCC GCATGGTCTGGGCCAACCTCCTGGTGTTCTGTTGTTCT
 GCGTTCGACGGGCGTACCAGACCCGGTTGGAGGACCACAAGCACCAGA
 R K A A R M V W A N L L V F V V>
 ____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)____>

810 820 830 840 850
 GCTTCCTGCCCCTGCACGTGGGGCTGACAGTGCGCCTCGCAGTGGGCTGG
 CGAAGGACGGGGACGTGCACCCCGACTGTACGCGGAGCGTCACCCGACC
 C F L P L H V G L T V R L A V G W>
 ____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)____>

860 870 880 890 900
 AACGCCTGTGCCCTCCTGGAGACGATCCGTGCGGCCCTGTACATAACCAG

TTGCGGACACGGGAGGACCTCTGCTAGGCAGCGCGGGACATGTATTGGTC
N A C A L L E T I R R A L Y I T S>
____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)____>

910 920 930 940 950
CAAGCTCTCAGATGCCAACTGCTGCCTGGACGCCATCTGCTACTACTACA
GTTTCGAGAGTCTACGGTTGACGACGGACCTGCGGTAGACGATGATGATGT
K L S D A N C C L D A I C Y Y Y>
____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)____>

960 970 980 990 1000
TGGCCAAGGAGTTCCAGGAGGCGTCTGCACTGGCCGTGGCTCCCAAGTGCT
ACCGGTTTCCTCAAGGTCCTCCGCAGACGTGACCGGCACCGAGGGTCACGA
M A K E F Q E A S A L A V A P S A>
____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (GPR35)____>

1010 1020 1030 1040 1050
AAGGCCCACAAAAGCCAGGACTCTCTGTGCGTGACCCTCGCCTAACTCGA
TTCCGGGTGTTTTTCGGTCCTGAGAGACACGCACTGGGAGCGGATTGAGCT
K A H K S Q D S L C V T L A X>
____HUMAN G-PROTEIN COUPLED RECEPTOR 35 (____>

>XbaI >PmeI >ApaI
| | |
| 1060 | 1070
GTCTAGAGGGCCCGTTTAAAC
CAGATCTCCCGGGCAAATTTG