

G protein-coupled receptor 25 (GPR25) in pcDNA3.1+
Sequence Range: 1 to 1201

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      >HindIII   >KpnI
      |         |
>AflIII | >Asp718I | >BamHI
      | |   |   |   |
      | | 10|   | 20 | 30   40   50
ACTTAAGCTTGGTACCGAGCTCGGATCCACCATGGCCCCCACAGAGCCCT
                               M A P T E P>
                               _____GPR25_____>

      60      70      80      90      100
GGAGCCCCAGCCCGGGGTCAGCGCCCTGGGACTACTCGGGGTTGGACGGC
W S P S P G S A P W D Y S G L D G>
      _____GPR25_____>

      110     120     130     140     150
CTGGAGGAGCTGGAGCTGTGTCCGGCCGGGGACCTGCCCTACGGCTACGT
L E E L E L C P A G D L P Y G Y V>
      _____GPR25_____>

      160     170     180     190     200
CTACATCCCCGCGCTCTACCTGGCGGCCTTCGCCGTGGGCCTGCTGGGCA
Y I P A L Y L A A F A V G L L G>
      _____GPR25_____>

                                >ApaI
                                |
      210     220     230     240     250
ACGCCTTTGTGGTGTGGCTGCTGGCCGGGCGGCGGGGCGCGGCGGCTG
N A F V V W L L A G R R G P R R L>
      _____GPR25_____>

      260     270     280     290     300
GTGGATAACCTTCGTGCTGCACCTGGCGGCAGCTGACCTGGGCTTCGTGCT
V D T F V L H L A A A D L G F V L>
      _____GPR25_____>

                                >NotI
                                |
      310     320     330     | 340     350
CACGCTGCCGCTGTGGGCCGCGGCGGCGGCGCTAGGCGGCCGCTGGCCGT
T L P L W A A A A A L G G R W P>
      _____GPR25_____>

      360     370     380     390     400
TCGGCGATGGCCTCTGCAAGCTCAGCAGCTTCGCGCTGGCGGGCACGCGC
F G D G L C K L S S F A L A G T R>
      _____GPR25_____>

      410     420     430     440     450
TGCGCGGGCGCGCTGCTGCTGGCGGGCATGAGCGTGGACCGCTACCTGGC
C A G A L L L A G M S V D R Y L A>
      _____GPR25_____>

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                >XhoI
                |
          460   |   470       480       490       500
CGTGGTGAAGCTGCTCGAGGCGAGGCCACTGCGCACCCCGCGCTGCGCGC
  V  V  K  L  L  E  A  R  P  L  R  T  P  R  C  A>
                GPR25_____>

          510       520       530       540       550
TGGCCTCGTGCTGCGGCGTCTGGGCCGTGGCGCTGCTGGCCGGCCTGCCC
L  A  S  C  C  G  V  W  A  V  A  L  L  A  G  L  P>
                GPR25_____>

          560       570       580       590       600
TCCCTGGTCTACCGGGGGTTGCAGCCCCTGCCTGGGGGCCAGGACAGCCA
  S  L  V  Y  R  G  L  Q  P  L  P  G  G  Q  D  S  Q>
                GPR25_____>

          610       620       630       640       650
GTGCGGCGAGGAGCCCTCCACGCCTTCCAGGGCCTCAGCTTGCTGCTGC
  C  G  E  E  P  S  H  A  F  Q  G  L  S  L  L  L>
                GPR25_____>

          660       670       680       690       700
TGCTGCTGACCTTCGTGCTGCCCCCTGGTCGTACCCCTCTTCTGCTACTGC
L  L  L  T  F  V  L  P  L  V  V  T  L  F  C  Y  C>
                GPR25_____>

                                >ApaI
                                |
          710       720       730       740       |   750
CGCATCTCGCGCCGCTGCGACGGCCGCGCACGTGGGTGCGGCCCGGAG
  R  I  S  R  R  L  R  R  P  P  H  V  G  R  A  R  R>
                GPR25_____>

          760       770       780       790       800
GAACTCGCTGCGCATCATCTTCGCCATCGAGAGCACGTTTGTGGGCTCCT
  N  S  L  R  I  I  F  A  I  E  S  T  F  V  G  S>
                GPR25_____>

          810       820       830       840       850
GGCTGCCCTTCAGCGCCCTGCGGGCCGTCTTCCACCTGGCGCGTCTGGGG
W  L  P  F  S  A  L  R  A  V  F  H  L  A  R  L  G>
                GPR25_____>

          860       870       880       890       900
GCGCTGCCGCTGCCGTGCCCCCTGCTGCTGGCGCTGCGCTGGGGCCTCAC
  A  L  P  L  P  C  P  L  L  L  A  L  R  W  G  L  T>
                GPR25_____>

                >BstXI
                |
          910   |   920       930       940       950
CATTGCCACCTGCCTGGCCTTCGTCAACAGCTGCGCCAACCCGCTCATCT
  I  A  T  C  L  A  F  V  N  S  C  A  N  P  L  I>
                GPR25_____>

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          960          970          980          990          1000
ACCTCCTGCTGGACCGCTCATTCCGAGCCCGGGCGCTGGACGGGGCCTGC
Y L L L D R S F R A R A L D G A C>
_____GPR25_____>

          1010          1020          1030          1040          1050
GGGCGCACCGGCCGCCTGGCGCGAAGGATCAGCTCAGCCTCCTCGCTCTC
G R T G R L A R R I S S A S S L S>
_____GPR25_____>

                                     >ApaI
                                     |
          1060          1070          1080          |          1090          1100
CAGGGACGACAGTTCCGTGTTCCGTTGCCGGGCCCAGGCCGCGAACACTG
R D D S S V F R C R A Q A A N T>
_____GPR25_____>

                                     >NotI
                                     |
                                     >EcoRI
                                     |
          1110          1120          1130          |          1140          |          1150
CCTCGGCCTCCTGGTAGGAATTCTGCAGATATCCAGCACAGTGGCGGCCG
A S A S W *>
_____GPR25_____>

>XhoI    >XbaI
|         |
|         |
          1160          1170          1180          1190          1200
CTCGAGTCTAGATGACTAACTATAGTGTCACCTAAATCGTATGTCCCTTT

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