

Homo sapiens G protein-coupled receptor 15 (GPR15) in pcDNA3.1+  
Sequence Range: 1 to 1185

>HindIII                      >KpnI                      >BamHI                      >BstXI                      >EcoRI  
 |                      |                      |                      |                      |  
 |                      | 10                      | 20                      | 30                      | 40                      | 50  
 TAAGCTTGGTACCGAGCTCGGATCCACTAGTCCAGTGTGGTGGGAATTCAC  
  
                     60                      70                      80                      90                      100  
 CATGGACCCAGAAGAACTTCAGTTTATTTGGATTATTACTATGCTACGA  
   M  D  P  E  E  T  S  V  Y  L  D  Y  Y  Y  A  T>  
 \_\_\_\_\_GPR15\_\_\_\_\_>  
  
                     110                      120                      130                      140                      150  
 GCCCAAACCTCTGACATCAGGGAGACCCACTCCCATGTTTCCTTACACCTCT  
 S  P  N  S  D  I  R  E  T  H  S  H  V  P  Y  T  S>  
 \_\_\_\_\_GPR15\_\_\_\_\_>  
  
                     160                      170                      180                      190                      200  
 GTCTTCCCTCCAGTCTTTTACACAGCTGTGTTCTGACTGGAGTGTCTGGG  
   V  F  L  P  V  F  Y  T  A  V  F  L  T  G  V  L  G>  
 \_\_\_\_\_GPR15\_\_\_\_\_>  
  
                     210                      220                      230                      240                      250  
 GAACCTTGTTCTCATGGGAGCGTTGCATTTCAAACCCGGCAGCCGAAGAC  
   N  L  V  L  M  G  A  L  H  F  K  P  G  S  R  R>  
 \_\_\_\_\_GPR15\_\_\_\_\_>  
  
                     260                      270                      280                      290                      300  
 TGATCGACATCTTTATCATCAATCTGGCTGCCTCTGACTTCATTTTTCTT  
 L  I  D  I  F  I  I  N  L  A  A  S  D  F  I  F  L>  
 \_\_\_\_\_GPR15\_\_\_\_\_>  
  
                     310                      320                      330                      340                      350  
 GTCACATTGCCTCTCTGGGTGGATAAAGAAGCATCTCTAGGACTGTGGAG  
   V  T  L  P  L  W  V  D  K  E  A  S  L  G  L  W  R>  
 \_\_\_\_\_GPR15\_\_\_\_\_>  
  
                     360                      370                      380                      390                      400  
 GACGGGCTCCTTCTGTGCAAAGGGAGCTCCTACATGATCTCCGTCAATA  
   T  G  S  F  L  C  K  G  S  S  Y  M  I  S  V  N>  
 \_\_\_\_\_GPR15\_\_\_\_\_>  
  
                     410                      420                      430                      440                      450  
 TGCACTGCAGTGTCTCTCTGCTCACTTGCATGAGTGTTGACCGCTACCTG  
 M  H  C  S  V  L  L  L  T  C  M  S  V  D  R  Y  L>  
 \_\_\_\_\_GPR15\_\_\_\_\_>  
  
                     460                      470                      480                      490                      500  
 GCCATTGTGTGGCCAGTCGTATCCAGGAAATTCAGAAGGACAGACTGTGC  
   A  I  V  W  P  V  V  S  R  K  F  R  R  T  D  C  A>  
 \_\_\_\_\_GPR15\_\_\_\_\_>

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      510      520      530      540      550
ATATGTAGTCTGTGCCAGCATCTGGTTTATCTCCTGCCTGCTGGGGTTGC
  Y V V C A S I W F I S C L L G L>
      GPR15
>

      560      570      580      590      600
CTACTCTTCTGTCCAGGGAGCTCACGCTGATTGATGATAAGCCATACTGT
P T L L S R E L T L I D D K P Y C>
      GPR15
>

      610      620      630      640      650
GCAGAGAAAAAGGCAACTCCAATTAACTCATATGGTCCCTGGTGGCCTT
  A E K K A T P I K L I W S L V A L>
      GPR15
>

      660      670      680      690      700
AATTTTCACCTTTTTTGTCCCTTTGTTGAGCATTGTGACCTGCTACTGTT
  I F T F F V P L L S I V T C Y C>
      GPR15
>

      710      720      730      740      750
GCATTGCAAGGAAGCTGTGTGCCATTACCAGCAATCAGGAAAGCACAAAC
C I A R K L C A H Y Q Q S G K H N>
      GPR15
>

      760      770      780      790      800
AAAAAGCTGAAGAAATCTATAAAGATCATCTTTATTGTCGTGGCAGCCTT
  K K L K K S I K I I F I V V A A F>
      GPR15
>

      810      820      830      840      850
TCTTGTCTCCTGGCTGCCCTTCAATACTTTCAAGTTCCTGGCCATTGTCT
  L V S W L P F N T F K F L A I V>
      GPR15
>

      860      870      880      890      900
CTGGGTTGCGGCAAGAACACTATTTACCCTCAGCTATTCTTCAGCTTGGT
S G L R Q E H Y L P S A I L Q L G>
      GPR15
>

      910      920      930      940      950
ATGGAGGTGAGTGGACCCTTGGCATTGCGCAACAGCTGTGTCAACCCTTT
  M E V S G P L A F A N S C V N P F>
      GPR15
>

      960      970      980      990      1000
CATTTACTATATCTTCGACAGCTACATCCGCCGGGCCATTGTCCACTGCT
  I Y Y I F D S Y I R R A I V H C>
      GPR15
>

      1010     1020     1030     1040     1050
TGTGCCCTTGCCTGAAAACTATGACTTTGGGAGTAGCACTGAGACATCA
L C P C L K N Y D F G S S T E T S>
      GPR15
>
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      1060      1070      1080      1090      1100
GATAGTCACCTCACTAAGGCTCTCTCCACCTTCATTCATGCAGAAGATTT
  D  S  H  L  T  K  A  L  S  T  F  I  H  A  E  D  F>
_____GPR15_____>
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                                >XhoI   >XbaI
                                |       |
      1110      1120      1130      |  1140|      1150
TGCCAGGAGGAGGAAGAGGTCTGTGTCACTCTAACTCGAGTCTAGATGAC
  A  R  R  R  K  R  S  V  S  L  *>
_____GPR15_____>
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      1160      1170      1180
TAACTATAGTGTCACCCTAAATCGTATGTCCCTTT
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