

Specifications:

Gene:	hGPR137
Accession:	NP_064540
Insert size:	1267bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

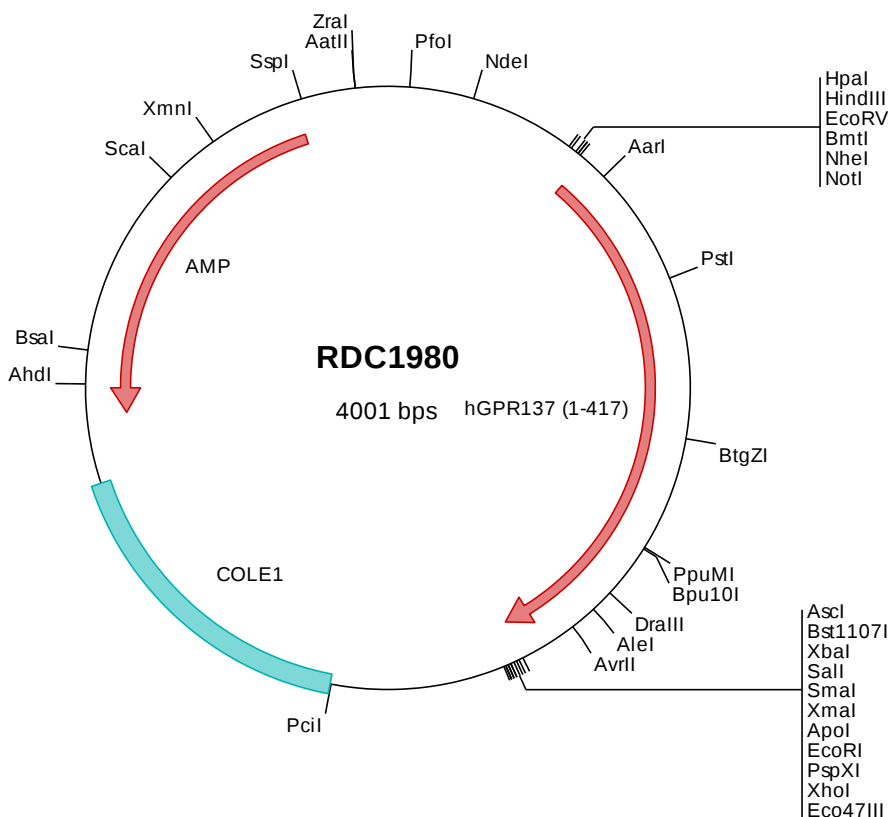
hGPR137 cDNA Plasmid

**GPR137 G protein-coupled
receptor 137 [*Homo sapiens*
(human)]**

Also known as: C11orf4; GPR137A;
TM7SF1L1

Summary:

GPR137 is an orphan GPCR which may be an oncogene.



> RDC1980 Plasmid DNA Sequence

```

1  tcgcgcgcttt  cggatgatgac  ggtgaaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgctct  gtaagcggat  gccgggagca  gacaagcccc
101  tcagggcgcg  tcagcgggtg  ttggcgggtg  tcggggctgg  ctttaactatg  cggcatcaga  gcagattgta  ctgagagtgc  accatatgcg  gttgtgaaata
201  ccgcacacgat  gcgtaaggag  aaaataccgc  atcaggcgcc  attcgccatt  caggctcgcc  aactgttggg  aagggcgatc  ggtgcgggcc  tcttcgctat
301  tacgccagct  ggcgaaagg  ggatgtgctg  caaggcgatt  aagttgggta  acgccagggt  tttcccagtc  acgacgttgt  aaaacgacgg  ccagtgaatt
401  ggagacgtgt  taacaagctt  ggatccgata  tcgctagcgc  ggccgcaccc  atggagagta  acctgtctgg  cctgggtcct  gctgccgggc  tgggtcctgc
501  gctgccacct  gctgtgaccc  tggggctgac  agctgcctac  accaccctgt  atgccctgct  cttctctccc  gtctatgccc  agctatggct  ggtgctctgc
601  tatgggcaca  agcgtctcag  ctatcacagc  gtgttcctgg  cctgtgtctt  gctctgggce  gccttgcgta  ccacctctt  ctctctctac  ttccgagata
701  ctcccgcgcg  caacgcctg  gggcccttgc  ctttttggct  tctctactgc  tgcccctct  cctgcagttt  cttaaccttg  acgcttatga  acctctactt
801  tgcccaggtg  gtgttcaagg  ccaaggtgaa  gcgtcgcccg  gagatgagcc  gaggtctgct  cgtgttccga  ggggcctttg  tgggggcctc  gctgctcttt
901  ctgctggtga  acgtgctgtg  tgtgtgtctc  tcccatcgcc  gccgggcaca  gccctgggce  ctgctgcttg  tcgcgctcct  ggtgagcgac  tccctgttcg
1001  tcatctgcac  gctgtctctt  gctgcctgcc  tctgcctcgt  cgccaggcgg  gcgcccctca  ctagcatcta  cctggaggcc  aaggggacca  gtgtgtgcca
1101  ggctgcgcgc  atgggtggcg  ccatggtcct  gctctatgcc  agccgggct  gctacaaact  gacagcaact  gccttgcccc  cccagagccg  gctggacacc
1201  ttcgattacg  accggtacaa  tgtgtctgac  caggcggaac  tgggtgaatga  cctgggggaa  aaaggctaac  tggattttgg  cctcatctct  ttctgttggg
1301  agctcctgcc  caccaccctg  ctggtggact  tcttcggggt  gcaccggccc  ctgtggcgcg  ccacaggacc  tgagcaccag  ccacatctct  aatggggcag
1401  tcggtcctac  ttctttgacc  gggctgggca  ctgtgaagat  gagggctgct  cctgggagca  cagccggggt  gagagcacca  ggtgccagga  ccaggcgccg
1501  accaccacag  tctctactcc  accccacaga  cgtgatcccc  ctccccctcc  cacagaaata  ccaggcccca  gtccccctca  ccttaggccc  tgtgccaagg
1601  ttgtctgcc  gcttcttggc  caggatcctg  ctaccccctg  ctgtggcgcg  ctgtggcgcg  ctccctgtct  ctccctgtct  agtgagcttg  ctgctcccc
1701  ctaaaaggcgc  gccagtatac  tctagagtcg  acaccgggg  aattcctcga  gcgctcgtct  ctgcttggtg  gtaatcatgg  tcatagctgt  ttctgtgtg
1801  aaattgttat  ccgctcacia  ttccacacia  catcacgacc  ggaagcataa  agtgaagac  ctgggggtgc  taatgagtga  gctaactcac  attaatgctg
1901  ttgcctgcac  tgcccgcttt  tgcccgcttt  aacctgctgt  gccagctgca  ttaatgaatc  ggccaacgcg  cggggagagg  cggtttcgct  attggcgct
2001  cttccgcttc  ctgcctcact  gactcgtcgc  gctcgtcgt  tcggctcgcg  cgagcggtat  cagctcactc  aaaggcggtg  atacggttat  ccacagaatc
2101  aggggataac  cagggaaaag  acatgtgagc  aaaaggccag  caaaaggcca  ggaaccgtaa  aaaggccgcg  ttgctggcgt  ttcccatag  tctccgcccc
2201  cctgacgagc  atcacaaaaa  tcgagctcga  agtcagaggt  ggcgaaaacc  gacaggacta  taaagatacc  aggcgtttcc  ccttggaagc  gccctgtgct
2301  gctctcctgt  tccgaccctg  ccgcttaccg  gatacctgtc  cgcttttctc  ccttcgggaa  gcgtggcgct  ttctcaatgc  tcacgctgta  ggtatctcag
2401  ttcggttag  gtcgtctcgt  ccaagctggg  ctgtgtgcac  gaaccccccg  ttcagcccca  ccgctgcgcc  ttatccgta  actatcgtct  tgagtccaac
2501  ccggtaaagc  acgacttatc  gccactggca  gcagccactg  gtaacaggat  tagcagagcg  aggtatgtag  cgcgtgctac  agagtctctg  aagtgtgtgc
2601  ctaactacgg  ctacactaga  aggacagtat  ttggtatctg  cgctctgctg  aagccagtta  ccttcggaaa  aagagtgtgt  agctcttgat  ccggcaaaaa
2701  aaccaccgct  ggtagcgggt  gtttttttgt  ttgcaagcag  cagattacgc  gcagaaaaaa  aggatctcaa  gaagatcctt  tgatcttttc  tacggggtct
2801  gacgctcagt  ggaacgaaaa  ctacagttaa  gggattttgt  tcatgagatt  atcaaaaaag  atcttcacct  agatcctttt  aaattaaaaa  tgaagtttta
2901  aatcaatcta  aagtatatat  gaggtaaacct  ggtctgacag  ttaccaatgc  ttaatcagtg  aggcacctat  ctacgcatc  tgtctatttc  gttcatccat
3001  agttgcctga  ctccccgtcg  tgtagataac  tacgatacgg  gagggcttac  catctggccc  cagtgtctga  atgataccgc  gagaccacgc  ctaccggct
3101  ccagatttat  cagcaataaa  ccagccagcc  ggaaggggcg  agcgcagaag  tggctcctga  accttatccg  cctccatcca  gtctattaat  tgttgcggg
3201  aagctagagt  aagtagtctg  ccagtttaata  gtttgcgcaa  cggtgttgcc  attgttacag  gcatcggtgt  gtcacgctcg  tcgtttggta  tggcttcaat
3301  cagctccggt  tcccaacgat  caagcgaggt  tacatgatcc  cccatgttgt  gcaaaaaagc  ggttagctcc  ttcggtctcc  cgatcgttgt  cagaagtaag
3401  ttggccgcag  tgttatcact  catggttatg  gcagcactgc  ataattctct  tactgtcatg  ccatccgtaa  gatgttttcc  tgtgactggt  gagtactcaa
3501  ccaagtcatt  ctgagaatag  tgtatcgccg  gaccgagttg  ctcttgcccg  gcgtcaatac  gggataatac  cgccccaact  agcagaactt  taaaagtgtc
3601  catcattgga  aaacgttctt  cggggcgaaa  actctcaagg  atcttaccgc  tgtttgagatc  cagttcgatg  taaccactc  gtgcacccaa  ctgatcttca
3701  gcattcttta  ctttcaccag  cgtttctggg  tgagcaaaaa  caggaaggca  aaatgccgca  aaaaagggaa  taaggcgac  acggaatgt  tgaatactca
3801  tactcttct  ttttcaatat  tattgaagca  tttatcaggg  ttattgtctc  atgagcggat  acatatttga  atgtatttag  aaaaaataac  aaataggggt
3901  tccgcgcaca  tttcccgaa  aagtgccacc  tgacgtctaa  gaaaccatta  ttatcatgac  attaacctat  aaaaataggc  gtatcacgag  gcccttctg
4001  c

```

> RDC1980 Translated Insert Sequence

```

1  mesnlsghlvp  aaglvpalpp  avtlgltaay  ttiyalffs  vyaqlwlvl  yghkrlsyqt  vflalcllwa  alrttlfsfy  frdtpranrl  gplpfwllyc
101  cpvcqlqfftl  tlmnlyfaqv  vfkakvkrrp  emsrllavr  gafvgasllf  llvnvlcavl  shrrraqpwa  llrvrvlvsd  slficalsl  aaciclvarr
201  apstsiylea  kgtsvcgaaa  mggamvliya  sracynltal  alapqsrldt  fdydwynvsd  qadlvndlgn  kgylvfglil  fwwellpttl  lvgffrvhrp
301  pqdlstshil  ngqvfasrys  ffdraghced  egcswehsrg  estrcqdaq  tttvstpphr  rdpppsptey  pgpspphpr  lcqvcplila  qdpgrgypl
401  lwpapccsch  selvpsp

```