

Product datasheet for RC204677

GPR34 (NM_005300) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | GPR34 (NM_005300) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | GPR34 |
| Synonyms: | LYPSR1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >RC204677 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGAAGTCATACCATAACAATGACGACAACCTCAGTCAGCAGCTGGCCTTACTCCTCCCACAGAATGC
GCTTTATAACCAATCATAGCGACCAACCGCCACAAAACCTCTCAGCAACACCAAATGTTACTACCTGTCC
CATGGATGAAAAATTGCTATCTACTGTGTTAACCCACATCTACTCTGTTATTTTCATCGTGGGACTGTT
GGGAACATAATCGCCCTCTATGTATTTCTGGGTATTCACCGTAAAAGAAATTCATTCAAATTTATCTAC
TTAACGTAGCCATTGCAGACCTCTACTCATCTTCTGCCTCCCTTCCGAATAATGTATCATATTAACCA
AAACAAGTGGACACTAGGTGTGATTCTGTGCAAGGTTGTGGGAACACTGTTTTATGAACATGTACATT
AGCATTATTTTGCTTGGATTCATCAGTTTGGATCGCTATATAAAAATTAATCGGTCTATACAGCAACGGA
AGGCAATAACAACCAACAAAGTATTTATGTCTGTTGTATAGTATGGATGCTTGGTGGATTCTCT
AACTATGATTATTTAACTTAAGAAAGGAGGGCATAATCCACAATGTGTTCCATTACAGAGATAAG
CATAACGCAAAAGGAGAAGCCATTTTAACTTCATTCTTGGTAATGTTCTGGCTAATTTTCTACTAA
TAATCCTTTCATATTAAGATTGGGAAGAATCTATTGAGGATTCTAAAAGGAGGTCAAATTTCTCTAA
TTCTGGTAAATATGCCACTACAGCTCGTAACTCCTTATTGTACTTATCATTTTTACTATATGTTTTGTT
CCCTATCATGCCCTTCGATTTCATCTACATTTCTCACAGCTAAATGTATCATCTTGGTACTGGAAGAAA
TTGTTACAAAACCAATGAGATCATGCTGGTCTCTCATCTTCAATAGTTGCTTAGATCCAGTCATGTA
TTTCTGATGTCCAGTAACATTCGCAAAAATAATGTGCCAACTCTTTTTAGACGATTTCAAGGTGAACCA
AGTAGGAGTGAAAGCACTTCAGAATTTAAACCAGGATACTCCCTGCATGATACATCTGTGCCAGTGAAAA
TACAGTCTAGTTCTAAAAGTACT

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_005300.4](#)

RefSeq Size: 1862 bp

RefSeq ORF: 1146 bp

Locus ID: 2857

UniProt ID: [Q9UPC5](#)

Cytogenetics: Xp11.4

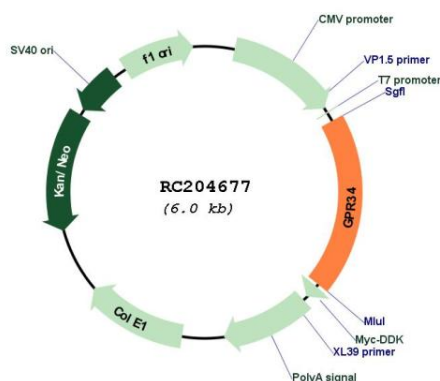
Domains: 7tm_1

Protein Families: Druggable Genome, GPCR, Transmembrane

MW: 43.9 kDa

Gene Summary: G protein-coupled receptors (GPCRs), such as GPR34, are integral membrane proteins containing 7 putative transmembrane domains (TMs). These proteins mediate signals to the interior of the cell via activation of heterotrimeric G proteins that in turn activate various effector proteins, ultimately resulting in a physiologic response.[supplied by OMIM, Apr 2006]

Product images:



Circular map for RC204677