

Product datasheet for RN213299

Gpr85 (NM_022254) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gpr85 (NM_022254) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gpr85
 Synonyms: Srep2
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN213299 representing NM_022254
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGAACTATAGCCATGCAGCTGACAACATTTGCAAAATCTCTCGCCTCTAACAGCCTTTCTGAAAC
 TGACTTCCTTGGGTTTCATAATAGGAGTCAGTGTGGTGGGCAACCTTCTGATCTCCATTTGCTAGTGAA
 AGATAAGACCTTGCATAGAGCTCCTTACTACTCTCTGCTGGATCTGTGCTGCTCAGACATCCTCAGATCT
 GCAATTTGTTTTCCATTTGTATTCAACTCTGTCAAAAATGGCTCTACCTGGACTTACGGGACTCTGACTT
 GCAAAGTGATTGCCTTTCTGGGGTTTTGTCTGTTTCCACACTGCCTTCATGCTTTCTGCATCAGCGT
 CACCAGATACTTAGCCATCGCCATCACCCTTCTATACAAAGAGGCTGACCTTTTGGACGTGTTTGGCT
 GTGATCTGCATGGTGTGGACTCTGTCTGTGGCCATGGCATTTCCTCCAGTTTTAGATGTAGGCACCTACT
 CATTTCATTAGGGAGGAGGATCAGTGTACCTTCCAACACCGCTCCTTCAGGGCTAACGATTCCCTAGGATT
 TATGCTGCTCCTTGTCTCATCTCCTAGCCACACAGCTTGTCTACCTCAAGCTGATATTTTTGTCCAC
 GATCGAAGGAAAATGAAGCCAGTCCAGTTTGTAGCAGCAGTGAGTCAGAACTGGACCTTTCATGGCCCTG
 GAGCTAGTGGCCAGGCAGCTGCCAATTGGCTAGCAGGATTTGGAAGGGTCCCACACCACCCACCTTGCT
 GGGCATCAGGCAAAATGCGAATACCACAGGCAGAAGACGGCTCTGGTTTTGGATGAGTTCAAAATGGAG
 AAAAGAATCAGCAGAATGTTCTATATAATGACTTTCCTTCTTCAACCTTGTGGGTCCCTACCTGGTGG
 CCTGCTATTGGAGAGTTTTTGAAGAGGGCTGTAGTACCAGGGGATTCTAACAGCCGCTGTCTGGAT
 GAGTTTTGCCCAAGCAGGAATCAATCCCTTTGTCTGCATTTTCTCCAACAGGGAGCTGAGGCGCTGTTTC
 AGCACAACTTCTTTACTGCAGAAAATCCAGGTTACCAAGGAACTTACTGTGTATATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_022254
Insert Size:	1113 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 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_022254.3 , NP_071590.1
RefSeq Size:	2747 bp
RefSeq ORF:	1113 bp
Locus ID:	64020
UniProt ID:	P60895
Cytogenetics:	4q21
Gene Summary:	member of a family of G-protein coupled receptors displaying high conservation across species; rat and human orthologs display complete amino acid sequence identity [RGD, Feb 2006]