

Product datasheet for **RN210349**

Gpr162 (NM_001108646) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Gpr162
Synonyms:	Grca
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >RN210349 representing NM_001108646
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTCGGGTGGGTTGGGGCAGAAGAGGCCTCCCTACGCTCAAACGCATTGCTCTGGCTGGCCTGCG
 GGCTGCTGGCCCTGCTGGCCAACGCCTGGATCATCCTCAGCATCTCGGCCAAACAGCAGAAGCACAGCC
 ACTGGAGCTGCTGCTCTGCTTCTGGCGGGCACACATATACTCATGGCCGCTGTGCCCTTACCACCTTC
 GCTGTGGTACAGCTCCGGCGCCAGGCCTCCTCTGACTATGACTGGAACGAGAGCATCTGCAAGGTCTTTG
 TGTCCACCTACTACAGCTGGCCCTGGCCACCTGCTTCACGGTCGCTCGCTCTCTACCACCGCATGTG
 GATGGTGCGCTGGCCCGTTAACTACCGCCTCAGCAACGCCAAGAAGCAGGCACTGCACGCCCTCATGGGC
 ATCTGGATGGTCAGCTTATCTGTCCACGCTGCCCTCCATCGGCTGGCACAACAACGGGGAGCGTACT
 ACGCCCGAGGCTGCCAGTTCATAGTCTCAAGATTGGCCTGGGCTTTGGTGTCTGCTTCAGCCTCTTGCT
 CCTTGGGGCATTGTCATGGGTTGGTCTGTGTGGCCATCACGTTCTATCAGACACTGTGGCCCCGGCC
 CGGAGGGCTCGGCAAGCCCGAGAGCGGGGGGACGCTGGGAGCCAAGGCAGGTGGGCTGGGGGGCTTGG
 GTACCCGGCCAGCTTTTGGGTGCCAGCCATCGTGGTGGAGGACACCCGAGGAAGCGGGCGTCTCGCT
 GGATGGCTCTGAATCTGCCAAGACATCCTTGCAGGTACCAACTTGGTCAGCGCCATCGTCTTTCTCTAT
 GACTCGCTACGGGGGTGCCCATCTTGGTGGTGAAGTCTTCTCCTTGAAGTCAGACTCAGCCCCGCAT
 GGATGGTCTGGCTGTGCTGTGGTGTCCATGGCACAGAGCTTGTCTCCTGCCCTCCTTCATCTGGTCTG
 TGAGCGCTACCGTGCAGATGTGCGCACAGTGTGGGAGCAGTGTGTGGCCATCATGTCCGAGGATGACGGT
 GATGACGATGGCGCTGTGATGACTACACAGACGGCCGCGTGTGCAAAATTCGCTTTGATGCTAATGGAG
 CCACAGGGTCAGGGAGTCGGGACCCACCCAGGTGAACTGCTGCCGGTCCGGACATGCTCTTCCACC
 CCTTGAGAGAGTACACTATTTACAGGTTCTTTGTCCCGCCGGTTATCCCATGATGAGACCAACGCTCTT
 TCTACTCCTCGGGCACCAGGCTCCTTCTGCACAAGTGGTCATCGTCTGATGATATCCGGATCCTCCAG
 CCCAGAGCAGAGCCCTTGGAGTCTCCAGAATACCCGGGACAGAGACTCAGGATAGAGGATGAGGAGGA
 CGAGGAAGAGGCTGAAGGTGGGGCTTAGCCAGCCTTCGACAGTTTCTAGAAAGTGGGGTTCTGGGGTCA
 GGTGGGGGACCCACGAGGTCCTGGTTTTTCCGGGAGGAGATCACCACTTCATCGATGAGACACCTC
 TGCCTTCTCAACTGCATCACCAGGACCCTCTCCTCGTAGGCCTAGGCCGCTGGGCTTTTACCTCGACG
 ACTCTCCCTTGGGTCTCCTGAGAGCCGAGCTGTTGGACTTCTTTGGGGTTAAGTGCAGGAAGACGCTGT
 TCCCTTACAGGGAGTGAAGGGAGTTCAAGGGCTTGGGAAGACCCTGGGGGCCAGGCAACCCCATCTTCC
 CCCAGTTGACCCTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108646

Insert Size: 1767 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001108646.1, NP_001102116.1</u>
RefSeq Size:	2873 bp
RefSeq ORF:	1767 bp
Locus ID:	362436
Cytogenetics:	4q42