

Product datasheet for **RN211051**

Gpr37 (NM_057201) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr37 (NM_057201) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr37
Synonyms:	Ednrbl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211051 representing NM_057201
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGCCCCGGGCGCGCCTCTCTCGCACATCGCGGTGCTGCTCCTTCTGCTGTTCAAGTTTCTG
 TCTCTGCTGCCCTGAGCTTTGTCCCTGAGCCCAGGAATGGAATTGTTTGGGGGAGAGCTGTCCCACT
 GATTCCACGTCGCAGCAGGGATGCCGGGGACCTAGGAATTCAGCAAGAGATGCTCTGCGAGTCCATGTG
 CCCAGAGAAAAGCTGGAAGCAGAGGTGAGAGGGGCGACCTCTGGGACCTCCCACCACCCAGGGGCGGTG
 ACACAGGTGTGATTGAAGAGGCAGCGGCTTCTGGGCCCTTGGGACCTCCAACCAAGCCACCAGGTGCCTG
 GAGATGGAAGGAGCCCAGGGTAAAGAACCATCCGACATTTGGGGAGAAGGGAGCCACGGACTCCCAA
 CTCTCCGTCAAACCTCTGAGAGAGGAGAGATGAGTTCCAAGCGCAGCAGATTTCCAGGGCAGCCAGG
 AGCACAGTGTGAAAACAGAACCCTGAACCCAGAGATCTTTTTACTGGCCAAGAAAACAGGACAACCTCA
 GGGTTCCATTACAGGCCTTACAGCGGTACACGAAGGAAGAACCCTTGCTCCCCAGGCAGGGCGCTACCT
 CAAAACGGGTCTGCAGATGACTGGTCCCTGACCAAGGGGTCCACGCCGTGAAATAGCTAACCAGC
 GCGTGAGACTGAAGAACCCTTCTACCCATTGACCCAGGAATCCTATGGAGCCTATGCTGTGCATGTGCTT
 ATCTGTGGTGATCTTTGGGACCGGCATCTTGGTAACTTGGCAGTGATGTGCATCGTGTGCACAATTAC
 TACATGAGGAGCATCTCCAATCTCTCTGGCCAACCTCGCTTTCTGGGACTTTCTCATCATCTTCTTCT
 GCCTCCCCTTGGTCATCTTCCATGAGTTGACCAAGAAGTGGCTTTTGGAAAGATTTCTCCTGCAAGATCGT
 GCCCTATATCGAGGTAGCTTCTCTGGGTGTCACCTCACCTTATGTGCAGTGTGCATAGATCGCTTC
 CGGGTCCACCAACGTCCAGATGTAATGAAATGATTGAAAATTGTTCTTCCACCACTGCCAACTTG
 CAGTTATCTGGGTGGCGCTCTGCTCTTGGCATTCCGGAAGTTGTCCTCCGCCAGCTGAGTAAGGAGGA
 TTTGGGCTTTAGTGCCAGGCTCCTGCAGAACGGTGTGTCATAAAGATCTCTCCGATTTACCGGACACC
 ATCTATGTTTTGGCTCTCACTTATGATGGCGCACGGCTCTGGTGGTATTTCCGGCTGCTACTTTTGTCTGC
 CCACACTTTTACCATCACCTGCTCTAGTGACCGCTCGGAAGATCCGCAAGGCGGAGAAAAGCCAGTAC
 CCGTGGGAACAAGCGGCAGATCCATCTAGAGAGCCAGATGAACTGCACAGTGGTGGCTCTGACCATTTTA
 TATGGATTTTGCATCATCCCCGAGAATATCTGCAACATCGTCACTGCCTACATGGCCACGGGTGTCTCTC
 AGCAGACCATGGACCTCCTCAACATCATCAGCCAGTTCCTTTTGTCTTCAAGTCTGCGTACCCTGT
 ACTCCTCTCTGCCTCTGCAGGCCCTTCCAGGGCCTTCATGGAGTGTGCTGTTGCTGCTGCGAGGAG
 TGCATCCAGAAGTCTTCCACTGTGACCAGTGATGACAACGACAACGAGTACACCACAGAGCTGGAGTTGT
 CGCCCTCAGCACCATCCGCAGAGAGATGTCCACCTTTGCCTCTGTGGGACTCACTGCTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1892_e09.zip
Restriction Sites: SgfI-RsrII
ACCN: NM_057201
Insert Size: 1812 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_057201.1 , NP_476549.1
RefSeq Size:	3104 bp
RefSeq ORF:	1812 bp
Locus ID:	117549
UniProt ID:	Q9QYC6
Cytogenetics:	4q22
Gene Summary:	an orphan G protein-coupled receptor that may have an important role in the central nervous system [RGD, Feb 2006]