

Product datasheet for **MC217338**

Glp2r (NM_175681) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Glp2r (NM_175681) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Glp2r
Synonyms:	9530092J08Rik; GLP-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217338 representing NM_175681
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCGTCGGCTCTGGGGCCCTGGGACGCCCTTCTCGCCCTGCTTCTGCTGGTTCCATCAAGCAAGTTA
 CTACAGGATCTCTCCTTGAGGAGACAGTTCAGAAGTGGGCTCAGTATAAGGAGACGTGTCTGAAAGACTT
 GCTCGAGAAACCTTCTGGTGTATTTTGTAAATGGAACATTTGATAAGTACGTGTGCTGGCCTCATTCTTTT
 CCTGGAATGTCTCTGTCCCCTGTCTTACACTTACCTTGGTGAATAAAGAGAGCCCAGGAAGGGCCT
 ACAGACACTGCTTGGCTCAGGGGACTTGGCAGAAGCAAGAGAAGTCCACAGATACTTGGCAGGATGAGTC
 AGAATGCTCAGAGAACCACAGCTTCAAACAAAACGTGGATCACTATCACCATACCTTGTGTCCACCTTG
 CAGCTGATGTACTGTGGGCTACTCCCTGTCTCTCATCTCCCTTCTTGGCTTTACTCTTCTTGT
 TCCTTCGAAAACGACTGCACACGCAATTACATCCACATGAACCTGTTCCGTTCTGTTTCCCTGAGAGC
 TCTGGTTGCTTGTGAAGGACATGGTCTTCTACAACCTTACTCCAGGAGGCCTGACAGTGAGAGTGGA
 TGGATGTCATATCTGTACAGATTTCTGCCTCCTGCCGCTCTGTCCAGGTCTCCTGCACACTTTGTGG
 GCACCAATCACTTGTGGTTGCTGGTTGAAGGACTTTACCTCCATGCTCTGCTGGAGCCAACAGTGCTTCC
 TGAAAGGCGGCTGTGGCCCAAGTACCTGGTGGTGGGTTGGGCCTTCCCCATGCTGTTTGTATTCCCTGG
 ATTTTTGTCCGAGCAAGCCTGGAGAATACAGGGTGTGGGCGAGTAAATGAGAATAAGAAAATCTGGTGGA
 TCATCAGAGGACCCATTCTGCTTTGTGTAACAGTTAATTTCTTCACTTCTCCTCAAGATTCTCAAGCTTCT
 CATTCTAAGTTCAGAGCTCATCAGATGTGCTTCAGAGACTACAAATATAGACTGGCAAAATCAACCCTG
 CTCCTCATTCTTTGATGGGGTTCATGAGTTCCTCTTCACTTTCTTCCAGGACGACCAAGTTCAGGAT
 TTTCAAGACTTATTCGTCTCTTCACTCCAGTTGACCTGAGCTCCTCCATGGATTCTGGTGGCCTTGCA
 GTACGGCTTTGCCAGTAGAGAGGTGAAGGCAGAGCTGAGAAAGACCTGGGGCCGCTTCTTATTAGCTCGC
 CACTGGGCTGCAGAGCCTGTGTCTAGGGAAGAACTTCCGGTCTGGGAAATGTTCCAAAGAAGCTGT
 CGGAGGGAGATGGTGCCGAGACTCCAGAAGTGCAATCTTCAGGTGTGAGCTCACACCTGACCCTGG
 GAACCTGCGGGATCATGGGGCACAGCCTCACAGGGCCGTGGAGCTTGGCCCCGGCAAGCAGCCTGTCT
 GAGAGCAGCGAGGGAGACTTCACCCTGGCCAATACCATGGAGGAGATTCTGGAAGAGAGTGAGATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_175681
- Insert Size:** 1539 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.

RefSeq: [NM_175681.3](#), [NP_783612.2](#)

RefSeq Size: 4873 bp

RefSeq ORF: 1539 bp

Locus ID: 93896

UniProt ID: [Q5IXF8](#)

Cytogenetics: 11 B3

Gene Summary: This is a receptor for glucagon-like peptide 2. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase (By similarity).[UniProtKB/Swiss-Prot Function]