

Product datasheet for **RN207298**

Glp2r (NM_021848) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Glp2r (NM_021848) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Glp2r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207298 representing NM_021848
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGGCCCAACCAAGCCCGCAGTGCCAGTAGATGCAGAGAGCACCCGTGCCCGAGTGAGGGCAC
 AGCCAGTGGGCATCCCTGAGGCCAGGGGCCGTTCTCTCCACTCCAACAGATGCGTCTGCTGTGGG
 CCCTGGGAGGCCCTTCCTCGCCCTGCTTCTGCTGGTTCCATCAAGCAAGTTACAGGATCGCTCCTCAAG
 GAGACAACCTCAGAAGTGGGCTAATTATAAGGAGAAGTGTCTGGAAGACTTGCACAATAGACTTTCTGGCA
 TATTTTGTAAATGGGACATTTGATCGGTATGTGTGCTGGCCTATTCTTATCCTGGAAATGTCTGTGTTCC
 CTGTCTTCATACTTACCTTGGTGAATGCAGAGAGCCCAGGAAGGGCCTACAGACACTGCTTGGCTCAG
 GGGACTTGGCAGACGCGAGAGAACACCACAGATATTTGGCAGGATGAATCAGAATGCTCAGAGAACCACA
 GCTTCAGACAAAACGTGGATCACTACGCCCTTGCTATACACCTGCAGCTGATGTACTGTGGGCTACTC
 CGTGTCTCTCATCTCCCTCTTCTGGCTCTTACTCTTCTTGTCTTCCGAAAACCTGCATTGCACACGC
 AATTACATCCACATGAACCTGTTTCGCTTTCGTTCACTCTGAAAGTTCTGGCTGTCCCTGGTGAAGGACATGG
 TCTCCCAACTCTTACTCCAAGAGGCCGATGATGAGAGTGGATGGATGTCATATCTGTGAGAGACATC
 CGTCTCCTGTGCGTCCGTCACAGTCTCTCTGCACTACTTTGTGGGCACCAATCACTTGTGGCTGTGGTT
 GAAGGACTTTACCTCCACTCTGCTGGAGCCCACAGTGTTCCTGAAAGGCGGCTGTGGCCCAAGTACC
 TGGTGGTGGGTTGGGCCCTCCCCATGCTGTTTGTATTCCCTGGGGTTTTGCCCGTGCACACCTGGAGAA
 CACACGGTGTGGGCCACAAATGGGAACCTGAAATCTGGTGGATCATCAGAGGACCCATGCTGCTTTGT
 GTAACAGTTAATTTCTCATCTTCTCAAGATTCTCAAGCTTCTCATTCTAAGCTCAAAGCTCATCAGA
 TGTGCTTCAGAGACTACAATACAGATTGGCGAAATCAACGTTGCTCCTCATTCTTTGTTGGGGTTCA
 TGAGGTCCTCTTCACTTTCTTCCCGACGACCAAGTTCAAGATTTTCAAACGTATTTCGACTCTTCATC
 CAGCTGACACTGAGCTCTGTCCACGATTTCTGGTGGCCTTGCAGTATGGCTTTGCCAATGGAGAGGTGA
 AGGCAGAGCTGCGAAAGTCATGGGGCCGCTTCTTATTAGCCCGCCACTGGGGCTGCAGAACCTGTGTCT
 GGGGAAGAATTTCCGTTCTCGGGAAGTGTCCAAGAAGCTGTGCGAGGGAGATGGCTCTGAGACACTC
 CAGAAGCTGCGGTTCTCCACATGCAGCTCACACCTGGCCTCTGAGACCCTGGGAGACGTTGGGGTACAGC
 CTCACAGGGGCCGTGGAGCTTGGCCCCGGGAAGCAGCCTGTCTGAGAGCAGTGAGGGAGACTTCACCT
 GGCCAATACGATGGAGGAGATTCTGGAAGAGAGTGAGATCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_021848
Insert Size: 1653 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_021848.1 , NP_068620.1
RefSeq Size:	1653 bp
RefSeq ORF:	1653 bp
Locus ID:	60432
UniProt ID:	Q9Z0W0
Cytogenetics:	10q24
Gene Summary:	proglucagon-derived peptide involved in the regulation of energy homeostasis via effects on nutrient absorption and maintenance of gut mucosal epithelial integrity and may also play a role in the central nervous system [RGD, Feb 2006]