

Product datasheet for **RN200458**

Gcgr (NM_172092) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gcgr (NM_172092) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gcgr
Synonyms:	MGC93090
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200458 representing NM_172092
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTCCTCACCCAGCTCCACTGTCCTACCTGCTGCTGCTGGTGGTGTGTCATGTCTGCCAAAGG
 CACCCTCTGCCCAGGTAATGGACTTTTTGTTGAGAAGTGAAGCTCTATAGTGACCAGTGCCACCACAA
 CCTAAGCCTGCTGCCCCACCTACTGAGCTGGTCTGCAACAGAAGTTTCGACAAGTACTCCTGCTGGCCT
 GACACCCCTCCCAACACCAGTCCCAACATTTCTGCCCTGGTACCTACCTGGTACCACAAAGTGCAGC
 ACCGCCTAGTGTCAAGAGGTGTGGCCTGATGGGCAGTGGGTTTCGAGGGCCACGGGGCAGTATGGCG
 CGACGCCTCCCAATGTCAGATGGATGATGACGAGATCGAGGTCCAGAAGGGGTAGCCAAGATGTATAGC
 AGCTACCAGGTGATGTACTGTGGGCTACAGTCTGTCCCTGGGGCCTTGCTCCTGGCGCTGGTCATCC
 TGCTGGGCCTCAGGAAGCTGCACTGCACCCGGAACACATCCACGGGAACCTGTTTCGCGTCTTCGTGCT
 CAAGGCTGGCTCTGTGCTGGTCATTGATTGGCTGCTCAAGACACGCTATAGCCAGAAGATTGGAGATGAC
 CTCAGTGTGAGCGTCTGGCTCAGTGTGGGGCGGTGGCTGGCTGCAGAGTGGCCACAGTATCATGCACT
 ACGGCATCATAGCCAACACTACTGCTGGTTGCTGGTGGAGGGTGTGTACCTGTACAGCCTGCTGAGCATCAC
 CACCTTCTCGGAGAAGAGCTTCTTCTCCCTCTATCTGTGCATCGGCTGGGGATCTCCCCTGCTGTTTGT
 ATCCCCTGGGTGGTGGTCAAGTGTCTGTTTGAAGTGTCCAGTGTGGACCAGCAATGACAATATGGGAT
 TCTGGTGGATCCTGCGTATCCCTGTACTCCTGGCCATACTGATCAATTTTTTCATCTTTGTCCGCATCAT
 TCATCTTCTGTGGCCAAAGTGCCTGCTGGGAGTCCACGAAGTGGTCTTTGCCTTTGTGACTGATGAGCATG
 CCCAGGCACCCCTGCGCTCCACCAAGCTTTTTTACCTGTTTCTCAGCTCCTTTCAGGGTCTGCTGGT
 GGCTGTTCTCTACTGTTTCTCAACAAGGAGGTGCAGGCAGAGCTACTGCGGCGTTGGAGGCGATGGCAA
 GAAGGCAAAGCTTTCAGGAGGAAAGGATGGCCAGCAGCCATGGCAGCCATGGCCCCAGCAGGGACTT
 GTCATGGTGTCCCTGTGAGAACTTCACTTATGAGTGCAGGCAGCAGCAGTGGGACTGGCTGTGAGCC
 CTCTGCGAAGACCTCATTGGCCAGTAGTCTCCCAAGGCTGGCTGACAGCCCCACC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_172092
- Insert Size:** 1458 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_172092.1](#), [NP_742089.1](#)

RefSeq Size: 1901 bp

RefSeq ORF: 1458 bp

Locus ID: 24953

UniProt ID: [P30082](#)

Cytogenetics: 10q32.3

Gene Summary: G-protein coupled receptor that binds glucagon and activates adenylate cyclase [RGD, Feb 2006]

Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 2 encode the same protein.