

Product datasheet for **MC208600**

Grpr (NM_008177) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Grpr (NM_008177) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Grpr
Synonyms:	GR; GRP-R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_008177, the custom clone sequence may differ by one or more nucleotides

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ATGGCTCCAAATAATTGTTCCACCTGAACTTGGACGTGGACCCTTTCCTGTCCTGCAACGACACCTTCA
ATCAAAGTCTGAGTCCCCCAAGATGGACAACCTGGTTTACCCGGGCTTCATCTATGTCATCCCTGCAGT
TTATGGGCTTATCATCGTGATAGGTCTTATTGGCAACATCACGCTCATCAAGATCTTCTGCACGGTCAAG
TCCATGCGAAACGTGCCAAACCTGTTTCTCTAGCCTGGCTTTGGGAGACCTGCTGCTGCTGGTGACAT
GCGCCCTGTGGATGCCAGCAAGTACCTGGCTGACAGGTGGCTATTTGGCAGAATTGGCTGCAAACCTGAT
CCCCTTTATACAACTTACTTCAGTGGGGGTGTCTGTCTTACACTTACGGCACTGTCAGCTGACAGGTAC
AAAGCCATTGTACGGCCAATGGATATCCAGGCATCCCATGCCCTGATGAAGATCTGTCTCAAAGCTGCTT
TGATCTGGATTGTCTCTATGTTGTTGGCCATCCCAGAGGCTGTGTTTTCTGACCTCCACCCCTTCCATGT
GAAAGATACCAACCAAACCTTCATTAGTTGTGCCCCCTACCCACACTCCAATGAGCTACACCCCTAAAATC
CATTCCATGGCTTCTTTCTGGTTTTCTACGTTATCCCCTGGCGATCATCTCTGTCTACTACTACTTCA
TTGCCCGAAATCTGATTCAGAGTGCCTACAATCTTCCCGTGAAGGCAATATACATGTCAAGAAGCAGAT
CGAATCCCAGGAGCGGCTTGCCAAGACAGTACTGGTGTGTTGTGGGCTCTTTGCCCTTCTGCTGGCTCCCC
AACCATGTCATCTACCTGTACCGTTCCTACCACTACTCTGAAGTGGACACCTCCATGCTCCACTTTGTCA
CCAGCATCTGTGCCCGCCTCTGGCCTTCACTCAACTCTCTGCTGCCAGCCTGGCCTGATGAACAGGTCCCAC
CAAGAGCTTCAGGAAGCAGTTCAACTCAACTTCTCTGCTGCCAGCCTGGCCTGATGAACAGGTCCCAC
AGCACAGGCAGAAGTACCACCTGCATGACCTCCTTCAAGAGCACTAACCCCTCGGCTACCTTTAGCCTCA
TCAACAGAAATATCTGTCATGAGGGGTATGTCTAG

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Restriction Sites:	Sgfl-MluI
ACCN:	NM_008177
Insert Size:	1155 bp



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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:	<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:	BC113145 , AAI13146
RefSeq Size:	1699 bp
RefSeq ORF:	1155 bp
Locus ID:	14829
UniProt ID:	P21729
Cytogenetics:	X 75.63 cM
Gene Summary:	This gene encodes a multipass membrane protein that functions as a receptor for gastrin releasing peptide. Signalling through this receptor is important in a variety of physiological processes, including responses to itching, satiety, and fear. [provided by RefSeq, May 2015]