

Product datasheet for MC212500

Ghsr (NM_177330) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ghsr (NM_177330) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ghsr
Synonyms:	C530020I22Rik; Ghsr1a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212500 representing NM_177330 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGAACGCGACGCCAGCGAGGAGCCGAGCCTAACGTACGCTGGACCTGGACTGGGACGCTTCTC
CCGGCAACGACTCACTCTGACGAACTGCTGCCACTGTTCCCGCGCCGCTGCTGGCGGGCGTCACTGC
CACCTGCGTGGCGCTCTCGTGGTGGGCATCTCGGGCAACCTGCTCACCATGCTGGTGGTGTCCCGCTT
CGCGAGCTGCGCACCACCACCAACCTCTACCTATCCAGCATGGCCTTCTCCGATCTGCTCATCTTCTGT
GCATGCCGCTGGACCTCGTCCGCTCTGGCAGTATCGGCCCTGGAACCTTCGGCGACCTGCTTGCAAACT
CTTCCAGTTTGTACGAGAGCTGCACCTACGCCACGGTCTCACCATCACCGCGCTGAGCGTCGAGCGC
TACTTCGCCATCTGCTTCCCGCTGCGGGCCAAGGTGGTGGTCACCAAGGGCCGCTGTAAGCTGGTATCC
TTGTCAATTTGGCCGTGGCCTTCTGACGCGCGGGCCCATCTTCGTGCTGGTGGGCGTGGAGCACGAGAA
CGGCACAGATCCCCGGGACCAACGAGTGCCGCGCCACCGAGTTCGCTGTGCGCTCTGGGCTGCTCACC
GTGATGGTATGGGTGTCGAGCGTCTTCTTCTTCCGCGTCTTCTGCCTCACTGTGCTCTACAGTCTCA
TCGGGAGGAAGCTGTGGCGGAGGCGCGGCGACGCGCGGTGGGCTCCTCGCTCAGGGACCAGAACCACAA
ACAGACAGTGAAGATGCTTGTGTGGTGGTGTGTTGCTTTCATCCTCTGCTGGCTGCCCTTCCACGTGGGA
AGATATCTGTTTTCAAGTCTTTTCGAGCCTGGCTCTTGGAGATCGCGCAGATCAGTCACTGCAACC
TGGTGTCTTGTCTCTTCTACCTCAGCGCTGCCATCAACCCATTCTCTACAACATCATGTCCAAGAA
GTACCGGGTGGCGTGTCAAACCTTAGGATTTGAATCCTTCTCCAGAGAAAAGCTTCCACTCTGAAG
GATGAGAGTTCCCGGCCTGGACAAAGTCGAGCATCAATACATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_177330
Insert Size:	1095 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:	<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:	BC120672 , AAI20673
RefSeq Size:	1188 bp
RefSeq ORF:	1095 bp
Locus ID:	208188
UniProt ID:	Q99P50
Cytogenetics:	3 A3
Gene Summary:	Receptor for ghrelin, coupled to G-alpha-11 proteins. Stimulates growth hormone secretion. Binds also other growth hormone releasing peptides (GHRP) (e.g. Met-enkephalin and GHRP-6) as well as non-peptide, low molecular weight secretagogues (e.g. L-692,429, MK-0677, adenosine) (By similarity).[UniProtKB/Swiss-Prot Function]