

Product datasheet for **MC208550**

Ghrhr (NM_001003685) Mouse Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Ghrhr (NM_001003685) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ghrhr |
| Synonyms: | Ghrfr; lit; little |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC208550 representing NM_001003685
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATGGCCTGATGTGGGCTACCGTATCCTCTGCTGCTGAGCCTGTGCGGAGTTACACTGGGTCAAC
TCCACCTAGAATGTGACTTCATCACTCAGCTGAGAGACGATGAGCTTGATGCTTCAGGCGGCAGAGGG
GACCAACAACACCTCCCTGGGATGCCCTGGGACCTGGGATGGGCTGCTGTGCTGGCCCCGACAGGCTCT
GGCCAGTGGTCTCTCTCCCTGCCCTGAATTCTCTCTCACTTCGGCTCAGACACAGGGTTTGTGAAGA
GGGACTGCACCATCACTGGCTGGTCTAATCCCTTCCCACCATACCCTGTGGCTTGCCTGTGCCCTTGA
ACTGTTAACCAAGGAGAAATCGTACTTCTCCACGGTGAAGATCATCTACACCACGGGCCACAGCATCTCC
ATTGTAGCCCTGCGTGGCTATTGCCATCCTGGTTGCCCTCAGGAGGCTCCACTGCCCCAGGAATA
TCCACACGCGAGCTGTTTCCACCTTCATCCTCAAGGCCAGTGTGTTCTTGAAGGATGCCGCCATCTT
CCAGGGGGATAGCACGGACCACTGCAGCATGTCCACTGTCTGTGCAAGGTCTCTGTGGCCATCTCACAT
TTGGCCACCATGACCAACTTCAGCTGGCTGTTGGCAGAAGCTGTCTACCTGAGCTGCCTGTTGGCCCTCA
CATCCCCCAGGTCCAAACCAGCTTTTTGGTGGCTGGTCTGGCTGGCTGGGGCTCCCCGTGCTATGCAC
TGGTACGTGGGTGGGCTGCAAACCTGGCTTTTGGAGACTGAGTGTGGGACTTAGACAACAGCTCCCC
TGCTGGTGGATCATCAAAGGACCATAGTCTCTCTGTTGGGGTGAACCTTGGGCTGTTTCTCAATATAA
TTTGTATCCTGCTGAGGAAGCTGGAGCCTGCACAAGGCGGCCACACACCGGGCTCAGTACTGGCGGCT
TTCCAAGTCAACACTTCTCCTTATACCGCTGTTTGAATTCATTACATCATCTTCAACTTCTGCCTGAC
AGTGTGGCCTTGACATCCGTGTACCCCTGGAGCTGGGGTGGGGTCTTTCAGGGCTTCATTGTTGCTG
TCCTCTACTGCTTCTCAATCAAGAGGTGAGGACAGAGATTTACGCAAATGGTATGGCCACGACCCTGA
ACTTCTGCCAGCTCGACGGACCTGCACTGAGTGGACCACACCTCCCCGATCGAGATTGAAGGTGCTGACC
TCTGAGTGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001003685

Insert Size: 1272 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_001003685.3](#), [NP_001003685.2](#)

RefSeq Size: 1598 bp

RefSeq ORF: 1272 bp

Locus ID: 14602

UniProt ID: [P32082](#)

Cytogenetics: 6 27.38 cM

Gene Summary: Receptor for GRF, coupled to G proteins which activate adenylyl cyclase. Stimulates somatotroph cell growth, growth hormone gene transcription and growth hormone secretion. [UniProtKB/Swiss-Prot Function]