

Product datasheet for **RN208550**

Ghrhr (NM_012850) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ghrhr (NM_012850) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ghrhr
Synonyms:	GHRHREC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208550 representing NM_012850
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGGACAGCCTGTTGTGGCTACCTGGGTCTCTGCTTGTGAACCTGTGGGGAGTTGCACTGGGTCAAC
 TCCACCTAGAATGTGACTTCATCACTCAGCTGAGAGACGATGAGCTTGATGCCTTCAGGCGGCAGAGGG
 GACCAACAACCTCGTCCATGGGATGCCCTGGGACCTGGGATGGGCTGCTGTGCTGGCCCCAACTGGCTCT
 GGCCAGTGGTCTCCCTCCCCTGCCCTGAATTCTTCTCTCATTGCTCAGACCCAGGGGCTGTGAAAA
 GGGACTGCACCATCACGGTTGGTCTGATCCCTCCCACCATATCCCGTGGCCTGTCTGTGCCCTTGA
 ACTGCTAACAGAGGAGAAGTCTTACTTCTCCACGGTGAAGATCATCTACACCACAGGCCACAGCATCTCC
 ATTGTAGCCCTGCGTGGCTATTGCCATCCTGGTTGCTCTCAGGAGGCTCCACTGCCCCAGGAAGTACA
 TCCACACGCAGCTGTTTGTACTTTCATCTCAAGGCCAGTGTGTGTTCTGAAGGATGCTGCTGTCTT
 CCAGGGTATAGCACGGACCACTGCAGCATGTCCACTATTCTGTGCAAGGTCTCTGTGGCCGTCTCATAT
 TTTGCCACCATGACCAACTTCAGCTGGCTGCTGGCAGAAGCCGTCTACCTGAGCTGTCTGTGGCCCTCCA
 CATCTCTAGGTCCAAACCAGCTTCTGGTGGCTGGTTCTCGCTGGCTGGGGACTCCCTGTGCTATGCAC
 TGGTACGTGGGTGGGCTGCAAACTGGCTTTTGAGGACACTGCGTGTGGGACCTAGACGACAGCTCCCC
 TACTGGTGGATCATCAAAGGGCCATAGTCTCTCTGTTGGGGTGAACCTTGGGCTGTTTCTCAATATAA
 TTTGCATCCTGCTGAGGAAGCTGGGGCTGCACAAGGCGGCTTACACACACGGGCTCAGTACTGGCGGCT
 TTCAAATCAACACTTCTCCTTATCCCGCTGTTTGAATTCATTACATCATCTTCAACTTCTGCCTGAC
 AGTGTGGCCTTGGCATCCGCTACCCCTGGAGCTGGGACTGGGGTCTTCCAGGGTTTTGTGTTGCTG
 TCCTCTACTGCTTCTCAATCAAGAGGTGAGGACGGAGATTTACGCAAATGGTATGGCCATGACCCTGA
 ACTTCTGCCAGCTCGGCGGACCTGCACTGAGTGGACCACACCTCCCCGATCGAGAGTGAAGGTGCTCACC
 TCTGAGTGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1569_h09.zip

Restriction Sites: SgfI-MluI

ACCN: NM_012850

Insert Size: 1272 bp

OTI Disclaimer: 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.

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](#)

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:	<u>NM_012850.1</u> , <u>NP_036982.1</u>
RefSeq Size:	1629 bp
RefSeq ORF:	1272 bp
Locus ID:	25321
UniProt ID:	<u>Q02644</u>
Cytogenetics:	4q24
Gene Summary:	binds growth hormone-releasing hormone; required for normal growth [RGD, Feb 2006]