

## Product datasheet for **MC208548**

### Ghr (NM\_001048147) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ghr (NM\_001048147) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ghr  
**Synonyms:** AA986417; GHBP; GHR/BP  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208548 representing NM\_001048147  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATCTTTGTCAGGTCTTCTAACCTTGGCACTGGCAGTCACCAGCAGCACATTTTCTGGAAGTGAGG  
CTACACCAGCTACTCTTGGCAAAGCTTCCCAGTCTCGCAAAGAATCAATCCAAGCCTGGGACAAGTTC  
TTCTGAAAGCCTCGATTACCAAGTGTGTTCCCTGAACTGGAGACATTTTCATGCTACTGGACAGAA  
GGAGATAATCCTGATTTAAAGACCCAGGATCTATTCAGCTGACTATGCTAAAAGGGAAAAGCCAACGAC  
AAGCTGCAAGAATTGCTCATGAATGGACCCAGGAATGGAAGAATGCCCTGATTATGCTCTGCTGGAAA  
AAACAGCTGTTACTTCAACTCATATACCTCCATTTGGATACCTACTGCATCAAGCTAACTACAAAT  
GGTGATTTGCTGGACCAAAAATGTTTCACTGTTGACGAAATAGTGCAACCTGATCCACCCATTGGCCTCA  
ACTGGACTTTACTAAACATTAGTTTGACCGGGATTCGTGGAGACATCCAAGTGAGTTGGCAACCACCACC  
CAATGCAGATGTTCTGAAGGGATGGATAATTCTGGAGTATGAAATTCAGTACAAAGAAGTAAATGAATCA  
AAATGAAAAGTGATGGGCCCTATATGGTTAACATACTGTCCAGTGTACTCATTGAGAAATGGATAAAGAAC  
ATGAAGTGCGGGTGAGATCCAGACAACGGAGCTTTGAAAAGTACAGCGAGTTCAGCGAAGTCCCTCCGTGT  
AATATTTCTCAGACGAACATATTGGAAGCATGTGAAGAAGGAACCAAGTCCAATTCTCAGCACCCACAT  
CAAGAGATTGACAACCACCTGTATCACCAGCTCAGAGGATCCGCCATCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001048147  
**Insert Size:** 894 bp



<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001048147.1</a>, <a href="#">NP_001041612.1</a></u>
<b>RefSeq Size:</b>	1080 bp
<b>RefSeq ORF:</b>	894 bp
<b>Locus ID:</b>	14600
<b>Cytogenetics:</b>	15 1.84 cM
<b>Gene Summary:</b>	Receptor for pituitary gland growth hormone involved in regulating postnatal body growth. On ligand binding, couples to, and activates the JAK2/STAT5 pathway (By similarity). [UniProtKB/Swiss-Prot Function]