

## Product datasheet for RN210062

### Ggh (NM\_012960) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Ggh (NM\_012960) Rat Untagged Clone  
Tag: Tag Free  
Symbol: Ggh  
Synonyms: MGC105496  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Cell Selection: Neomycin  
Fully Sequenced ORF: >RN210062 representing NM\_012960  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGC**C

ATGGCAAGCCTGGGCCGCTGCTGTGCGCATGGGTTTTGCTGCTGTGCGGGCTTGAAGCCCCGGGCTGT  
CCGGATCCTATGAGCGCGGCTCCAAGCGTCCCATCATCGGAATAATAATGCAAGAATGTTATGGGAACAT  
GACGAAGTTGGGAAGATTCTACATTGCTGCGTCCTATGTGAAGTTATAGAGTCTGCGGGTCAAGAGTC  
GTGCCATAAAGGCTCGACCTTAATGATGCACAGTATGAAACACTTTTTAGATCTATTAATGGAGTCCTCT  
TGCTGGAGGGGGTCTAACCTAACACATTCAGGTTATCCCGTGTGGCCAAAATATTTTACCAAGGC  
TCTAGAGAGTTTTGATAATGGAGACTATTTTCTGTGTGGGAACATGCCTGGGATTGGAGGAGCTTTCC  
GTCCTGGTTAGTAATGACAACCTACTGACACTCACAAACACCAGCTCAGTGAAATTCCTTTGAACCTCA  
CGAGAGATTCAAAGCAGAGCAGAATGTTCCGGAATCTTCTGAGGAGTTATTGAATTCATTAGCATCAGA  
AAATCTGACTGCAAAATTTTCAAGTGGAGCCTGTCTGTGAAGAAGTTTACAGAAAACGAGAAGTTAAAG  
AAGTTTTCAATATATTAACAGTCAATACAGATGGCAAGACTGAGTTCATTTTATCCATGGAAGGATATA  
AGTATCCAATATATGCTGTCCAGTGGCATCCTGAGAAAGCACCATTGAGTGAAGAAGAACTGCGAGGCAT  
TTCCCATGCACCGAATGCTGTGAAGACTTCATTTTACTTAGCAAAATTTTTATTCTGAAGCTCTGAAA  
AATGATCACCACTTTGAGAACGAACTTGAAGAGACTGAATCCTTGATTTACCAGTCTGTCCAGTTTATA  
CTGAAATATTTCTTATTTAGCAAGCTTATATGTTAACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
ACCN: NM\_012960  
Insert Size: 954 bp



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<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>	<a href="#">NM_012960.2</a> , <a href="#">NP_037092.1</a>
<b>RefSeq Size:</b>	1385 bp
<b>RefSeq ORF:</b>	954 bp
<b>Locus ID:</b>	25455
<b>UniProt ID:</b>	<a href="#">Q62867</a>
<b>Cytogenetics:</b>	5q13
<b>Gene Summary:</b>	catalyzes the removal of glutamate residues [RGD, Feb 2006]