

## Product datasheet for **RN206288**

### **Glg1 (NM\_017211) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Glg1 (NM\_017211) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Glg1  
**Synonyms:** MG-160; Selel  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN206288 representing NM\_017211  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGTGTGTGGACGTGTACGGAGGATGTTCCGCTTGTGGCGGCGTTCAGCTGCTGCTAGTGG  
 CAGCAGGGTCCAGAATAGCCACGGTCAGGGCCAGGGTCTGGGGTCACTTTGGGCCCTTCGCAGGGCA  
 AGCTGGAGGCGGCAACCCGGTCGGGCAGCAGCCACCTCAGCTGCCTCAGTTATCGCAGCAGCAGCAGCAG  
 CAGCAGCCGCGCCTCAGCAGCAGCAGCCTTCCCGCGGGCGGGCTCCCGGCCCGGGCGGGAGCAG  
 GGCCCGGTGGGACTGGCGGAGGCTGGAAGCTGGCGGAGGAAGAGTCTGCAGAGAGGACGTGACCCGTGT  
 GTGCCCAAACACACCTGGAGCAACAACCTGGCGGTGCTCGAGTGCCTGCAGGACGTGAGGGAGCCTGAG  
 AATGAGATTTCTCAGACTGCAATCATTGTTGTGGAATTACAAGCTGAACCTGACTACTGATCCCAAAT  
 TTGAATCTGTGGCCAGGGAAGTTTGAAGTCAACTATTTAGAGATTAAGAGTGTGCTGAAGAACCAGT  
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 GGTGGTATCATGTTTGGAAAAGGCTGGTGAAGAGGCAAGAGAAAAGAGCCCAAGATTCAGTCTCA  
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 CAGAAGCTCATTGCCAGGATTATAAAGTCAGCTATTCATTGGCCAAGTCTGTAAGAGTGAATGAAAA  
 AATACCGATGTAATGTGGAACCTTCTCGCTCCCGAGAGGCCAGGCTCTCTACCTTCTGATGTGCCT  
 GGAGTCAGCCGTGCACAGAGGGCGACAAGTGAGCAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT  
 ATGCTGATGGAAGACTTCTCTGAGCCCCGAGATCATCTGAGCTGTGAGGGGAGATCGAACACCACT  
 GTTCTGGATTACATCGGAAAGGACGCACCTCCACTGTCTGATGAAAGTGAAGTGAAGTGAAGTGAAGTGAAGT  
 CCTTGAATGAACTGCCAGCAGGCGCTTCAGACACTGATTCAGGAGACTGACCTGGCGCAGACTACCGC  
 ATTGATCGAGCTTTGAATGAAGCTTGTGAATCTGTAATACAGACAGCCTGCAACATATACGATCCGGAG



ACCCAATGATTCTTTCATGTCTGATGGAACATTTATACACAGAGAAAATGGTGGAAAGACTGTGAACACCG  
TCTCTTAGAGCTACAGTATTTTATCTCTCGGGATTGGAAGTTGGACCCTGTTTTATACCGGAAATGCCAG  
GGAGATGCTTCCCGTCTTTGCCACACCCATGGTTGGAATGAGACCAGTGAACCTATGCCTCCCGGAGCTG  
TGTTTTCTTGCCTGTATAGACATGCCTACCGCACAGAAGAGCAAGGACGGAGGCTCTCACGAGAATGCCG  
AGCTGAAGTCCAGAGGATCCTACACCAGCGTGCCATGGATGTTAAGCTGGATCCTGCCCTCCAGGACAAG  
TGCCTGATAGATCTAGGAAAGTGGTGCAGTGAGAAGACAGAGACTGGTCAGGAGCTTGAAGTGCCTTCAGG  
ACCATCTGGATGACTTAGCTGTGGAATGCAGAGACATAGTGGGCAACCTCACGGAGTTAGAGTCTGAGGA  
CATACAAATAGAAGCTTTGCTGATGAGAGCCTGTGAGCCTATAATTACAACTTTTCCACGATGTGGCA  
GACAACCAGATTGACTCTGGGGACCTAATGGAGTGTCTGATCCAGAACAAGCACCAGAAGGACATGAATG  
AGAAGTGCGCCATTGGCGTCACTCACTTCCAGCTGGTCCAAATGAAGGATTTTCGATTCTTTACAAGTT  
CAAAATGGCCTGCAAGGAGGATGTGTTAAACTTTGCCCAACATAAAAAAGAAGGTGGATGTGGTGATC  
TGCCTGAGCACCACCGTGCACACGACTCTGCAGGAGGCCAAGGAGCACCGGGTGTCTCTCAAGTGCC  
GCAAGCAGCTCCGTGTGGAGGAGCTGGAGATGACAGAGGACATCCGTTTGAACCAGATCTGTATGAAGC  
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AAAGAAAACAAGAAGCAACTGAGTACCGTTGTCACCAGAGATTTTAAGCTGCAGGAGACAGAGATGA  
TGACCCAGAAGTACTATACACTCATGAGAGCTGCAAGCAGATGATTAAGCGTTTCTGCCAGAAGC  
AGATTCTAAAATGTTACAGTGTGTAACAAAACAAGAACAGTGAATTGATGGACCCCAAGTGCAAA  
CAGATGATCACCAGCGTCAGATCACCCAGAACACAGATTACCGTTTAAACCCCGTGCTAAGGAAGGCT  
GTAAGCTGACATTCTAAATCTGTCAATGGCATCCTGACCAAGGCCAAGGATGATTCAGAGCTAGAAGG  
CCAAGTTATCTCATGCCTCAAGCTGAGATACGCTGACCAGCGCTGTCTTCAGACTGTGAGGATCAGATC  
CGTATCATCACCAGAGTCTGCGCTAGATTACCGCTAGACCCTCAGCTCCAGCTGCACTGCTCAGACG  
AGATTGCTAATTTATGTGCTGAAGAAGCAGCAGCCAGGAACAGACAGGCCAAGTGAAGAGTGCCTAAA  
GGTCAACCTGCTCAAGATCAGGACAGAGCTGTGTAAGAAAGGAAGTGTGAACATGTTGAAGGAAAGCAAA  
GCAGACATCTTTGTGGATCCAGTTCTTACACAGCGTGTGCCTTGGACATTAACACCAGTGTGCAGCCA  
TACCCCCGCGCTGGGCGTCAGATGTCCTGCCTGATGGAGGCCTTGAAGACAAGCGCGTGAGGTTGCA  
GCCCGAGTGCAAAAAGCGCCTGAATGACCGAATCGAGATGTGGAGTTATGCAGCCAAGGTGGCCCCAGCG  
GACGGCTTCTCTGATCTTGCCATGCAAGTGTGACATCCCATCAAGAATTACATCCTGTCTGTGATCA  
GCGGGAGCATCTGCATATTGTTCTGATTGGCCTGATGTGTGGACGGATCACTAAGAGGGTGACACGAGA  
GCTGAAGGACAGGTAG

ACGCGTACGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_017211
- Insert Size:** 3516 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\\_017211.2](#), [NP\\_058907.1](#)

**RefSeq Size:** 5292 bp

**RefSeq ORF:** 3516 bp

**Locus ID:** 29476

**UniProt ID:** [Q62638](#)

**Cytogenetics:** 19q12

**Gene Summary:** a Golgi resident sialoglycoprotein that binds basic fibroblast growth factor [RGD, Feb 2006]