

## Product datasheet for **MC220104**

### **Glb1l (NM\_029010) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Glb1l (NM_029010) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Glb1l
Synonyms:	4833408P15Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220104 representing NM\_029010  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCACCCGACCTGCCTCCCTGCTGCTGCGGCTTGTGGTCTACTGCTGCTGCCAGGCAGAAGCTC  
 GCTCCTTCGTTGTGGATCGGGAACATGACAGATTCCTCCTGGATGGGGTCCCCTTCGCTATGTTTCTGG  
 CAGCCTGCACTACTTTCGAGTACCGCGGTTCTGTGGGCCGACCGGCTTCTCAAGATGCAGTTGAGCGGC  
 CTAACGCTGTGCAGTTTATGTGCCTTGAACACTACCATGAGCCAGAGCCTGGGATCTATAACTTTAATG  
 GCAGCCGGGACCTCATTGCCTTCCTGAATGAGGCAGCTAAAGTGAACCTGTTGGTTATTCTGAGACCAGG  
 ACCTTACATCTGTGCTGAGTGGGAGATGGGAGGTCTCCCCTCTTGGTTGCTTCGAAACCCATAATTCAT  
 CTGAGAACCTCAGATCCTGCCTTCCTTGAAGCTGTGGACTCCTGGTTCAGGTCTGTGCCAAAGATAT  
 ATCCATTTCTCTACCACAATGGGGCAACATCATTAGCATTGAGGTGGAGAACGAATACGGTAGCTACAA  
 GGCTGTGACTTCAAGTATATGAGACACTTAGCTGGCCTCTCCGAGCATTACTAGGGGACAAGATCTTG  
 CTCTTACCACAGATGGGCCTCACGGACTCAGATGTGGCTCCCTTCAGGGACTCTATACCACTATAGATT  
 TTGGCCCAGCTGACAATGTGACCAGAATCTTTCCCTGCTTCGGGAGTATGAACCTCATGGGCCATTGGT  
 GAACTCGGAGTACTATACAGGCTGGCTGGATTACTGGGGCCAAAATCATTCCACACGATCCAGTCCAGCT  
 GTAGCCCAAGGACTAGAAAAATGCTCAAGTTGGGAGCCAGTGTGAACATGTATATGTTCCATGGAGGTA  
 CCAACTTTGGATACTGGAATGGAGCTGACGAGAAGGGACGCTTCCTTCCAATTACTACCAGCTACGACTA  
 TGATGCACCCATATCTGAAGCAGGGGACCTACACCTAAGCTTTTGAATTCGAAATGCATCAGCAAG  
 TTCCAGGAAATCCCTTGGGACCTTACCTCCTCCAGCCCAAGATGAAGTTTGGACCTTTGACTATGA  
 GCCTGGATGGGAATTTGCTGTCTTCTAGACTTCTCTGCCCCCAAGGCCAATCCATTGACTTTTGCC  
 ATTGACCTTTGAGGCTGTTAAACTGGACCATGGCTTTATGTTGTACAGGACCTATCTGACTTCTCCTGTT  
 TTAGAACCAACACCATTCTGGGTGCCAAATAATGGGATTCATGACCGAGCCTATGTGATGGTAGACGGGG  
 TATTGAAGGGCGTTCTGGAGCGGAGTTTGAACAAGAAGTGTATTTGACTGGGACAGTAGGGACCAGGCT  
 GGATATATTGCTAGAGAATATGGGGAGGCTCAGTTTTGGGTCTAACACAGTACTTCAAGGGCCTGTTA  
 GAAGCACCAGTCTGGGGCAGACCATCCTCACTGAGTGGATGATGTTCCCTCTCAAGGTGGATAAGCTTG  
 TAAAGTGGTGGTTCCCTCAGCTGATGAAAAGAGCCCTGCCTCAAGCTTCTCTGTCCCTGCCTTCTA  
 TTCCGCAAAGTTCCAGTTTTCCGCTTGGTTGGGGACACATTTCTCTATCTACCTGGATGGACCAAGGGC  
 CAAGTGTGGATCAATGGGTTAACTTGGGCCGGTACTGGACAATGCGGGGTCCACAACAAACCCATACG  
 TGCCAAGACTGCTGCTGTTTGGTATGATCAATCAACAAAATCACATTGCTGGAGCTAGAAAATGTGCCTCA  
 TAACCCCAAGTCCAGTTTTTGGATAAGCCTATCTCAATAGCACTTTGCATTGGGGGTATAACTTTCTT  
 CTCTCAGAAACACAAGGTTCTTTGAACCAATGGAGTTAAGTGGGCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_029010
- Insert Size:** 1941 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\\_029010.1](#), [NP\\_083286.1](#)

**RefSeq Size:** 3451 bp

**RefSeq ORF:** 1941 bp

**Locus ID:** 74577

**UniProt ID:** [Q8VC60](#)

**Cytogenetics:** 1 C4

**Gene Summary:** Probable glycosyl hydrolase.[UniProtKB/Swiss-Prot Function]