

## Product datasheet for MC218485

### Glt8d1 (NM\_001165930) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Glt8d1 (NM_001165930) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Glt8d1
Synonyms:	2410004H05Rik; 5430414N14Rik; AI450005
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC218485 representing NM_001165930 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCATTCCGTAAGTGAACATCATCATCTGGGTCCTGGCTGTTGTTCTTCTTACTGGTTTTGCACC  
ATAACTTCCTCAGCTTGAGCAGTTTGTTAAAGAATGACATTTAGATTCCGGGAATGTGGGGCTTCAGCC  
CATAGACTTTGTCGCCAGTGCTCATCAGCATCCAGTGAGTGAGAGGCAAGAGGAGATTCCCGTGGTTATT  
GCTGCCTCTGAAGACAGGCTGGGTGGGACCATTGCAGCCATAAACAGCGTTCATCAAACACGCGCTCCA  
ATGTGATGTTTTACATTGTTACATTCAACAGCACAGCAGACCATCTCCGGTCTGGCTTAACAGTGGTTC  
CTTGAAAAGCATCAGGTACAAAATTGTAATTTTGACACTAAACTTTGGAAAGGAAAGTAAAGCAGGAT  
CCTGACCAGGGGAGTCCATGAAACCATTAACCTTTGCAAGGTTCTACTTGCCAATTCTGGTCCCAAGT  
CAAAGAAAGCCATATACATGGATGATGATGTCATTGTACAAGGTGACATACTTGCCCTGTACAATACACC  
ACTGAAGCCAGGACATGCTGCTGCGTTTTGAGAAGATTGTGACTCAGCCTCCACTAAAGTCATCATCCGG  
GGAGCAGGGAACCAAGTACAATTACATTGGTTATCTTGACTATAAAAAGGAAAGAATTGTAACCTTTCCA  
TGAAAGCCAGCACCTGTTCCCTTAATCCTGGAGTTTTGTTGCAAACCTGACTGAATGGAAAAGACAGAA  
TGTAACTAACCAAGTTGGAAAAATGGATGAAGCTCAATGTAGAAGAGGGATTATACAGCAGAACCTGGCA  
GGCAGCATCACCAACCTCCTCTGCTTATCGTATTTTATCAGCAGCATTCCACCATTGACCCTATGTGGA  
ATGTCGCGCATCTTGGTCCAGTGTGGAAAACGGTACTCACCCAGTTTGTAAGCTGCAAGTACT  
TCACTGGAATGGTCACTTCAAGCCTTGGGGAAGAAGTCTTCATATGCTGATGTTTGGGAAAAGTGGTAT  
ATTCCAGACCCAACAGGAAAATTCAGTTTAATCCGAAGACATATGGATACCTCAAACATAAAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_001165930
<b>Insert Size:</b>	1116 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_001165930.1</a></u> , <u><a href="#">NP_001159402.1</a></u>
<b>RefSeq Size:</b>	1956 bp
<b>RefSeq ORF:</b>	1116 bp
<b>Locus ID:</b>	76485
<b>UniProt ID:</b>	<u><a href="#">Q6NSU3</a></u>
<b>Cytogenetics:</b>	14 B
<b>Gene Summary:</b>	<p>This gene encodes a member of the glycosyltransferase family. The encoded protein is a type II transmembrane protein containing a glycosyltransferase 8 domain in the luminal (C-terminal) portion. The specific function of this protein has not been determined. Two alternatively spliced variants encoding the same isoform have been described. [provided by RefSeq, Sep 2009]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>