

## Product datasheet for MR217287

### Glt8d1 (NM\_029626) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Glt8d1 (NM_029626) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Glt8d1
Synonyms:	2410004H05Rik; 5430414N14Rik; AI450005
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR217287 representing NM_029626 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCATTCCGTAAGTGAACATCATCATCTGGGTCCTGGCTGTTGTTCTTCTTACTGGTTTTGCACC  
ATAACTTCCTCAGCTTGAGCAGTTTGTTAAAGAATGACATTTAGATTCCGGGAATGTGGGGCTTCAGCC  
CATAGACTTTGTCGCCAGTGCTCATCAGCATCCAGTGAGTGAGAGGCAAGAGGAGATTCCCGTGGTTATT  
GCTGCCTCTGAAGACAGGCTGGGTGGGACCATTGCAGCCATAAACAGCGTTCATCAAACACGCGCTCCA  
ATGTGATGTTTTACATTGTTACATTCAACAGCACAGCAGACCATCTCCGGTCTGGCTTAACAGTGGTTC  
CTTGAAAAGCATCAGGTACAAAATTGTAATTTTGACACTAAACTTTTGAAGGGAAAGTAAAGCAGGAT  
CCTGACCAGGGGAGTCCATGAAACCATTAACCTTTGCAAGGTTCTACTTGCCAATTCTGGTCCCAGTG  
CAAAGAAAGCCATATACATGGATGATGATGTCATTGTACAAGGTGACATACTTGCCCTGTACAATACACC  
ACTGAAGCCAGGACATGCTGCTGCGTTTTCCAGAAGATTGTGACTCAGCCTCCACTAAAGTCATCATCCGG  
GGAGCAGGGAACCAAGTACAATTACATTGGTTATCTTGACTATAAAAAGGAAAGAATTTCGTAACCTTTCCA  
TGAAAGCCAGCACCTGTTCCCTTAATCCTGGAGTTTTGTTGCAAACTTGACTGAATGGAAAAGACAGAA  
TGTAACAAACAGTTGGAAAAATGGATGAAGCTCAATGTAGAAGAGGGATTATACAGCAGAACCTGGCA  
GGCAGCATCACCAACCTCCTCTGCTTATCGTATTTTATCAGCAGCATTCCACCATTGACCCTATGTGGA  
ATGTCCGCATCTTGGTCCAGTGTGGAAAACGGTACTCACCCAGTTTGTAAGCTGCAAGTACT  
TCACTGGAATGGTCACTTCAAGCCTTGGGGAAGAAGTCTTCATATGCTGATGTTTGGGAAAAGTGGTAT  
ATTCCAGACCAACAGGAAAATTCAGTTTAATCCGAAGACATATGGATACCTCAAACATAAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA



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**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\\_029626.2](#), [NP\\_083902.2](#)

**RefSeq Size:** 2485 bp

**RefSeq ORF:** 1116 bp

**Locus ID:** 76485

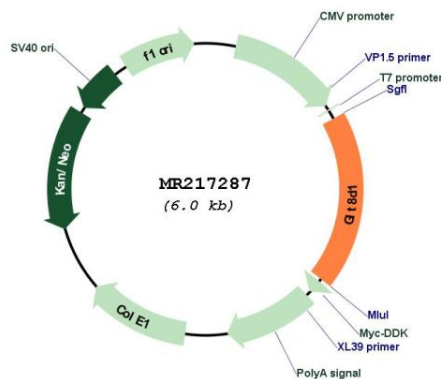
**UniProt ID:** [Q6NSU3](#)

**Cytogenetics:** 14 B

**MW:** 42.4 kDa

**Gene Summary:** 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]

### Product images:



Circular map for MR217287