

Product datasheet for **SC301557**

GLT8D1 (NM_001010983) Human Untagged Clone

Product data:

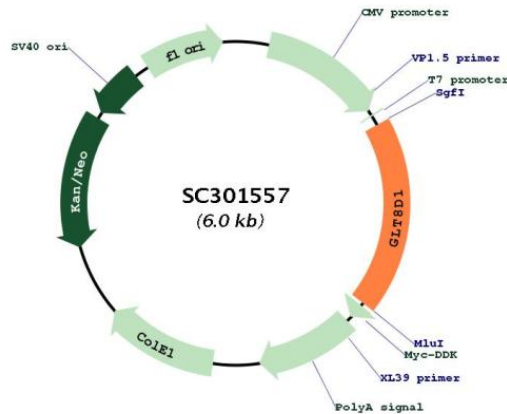
Product Type:	Expression Plasmids
Product Name:	GLT8D1 (NM_001010983) Human Untagged Clone
Tag:	Tag Free
Symbol:	GLT8D1
Synonyms:	AD-017; MSTP139
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301557 representing NM_001010983. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCATTCCGTAAGTAAACATCATCATCTTGGTCTGGCTGTTGCTCTCTTACTGGTTTTGCAC
CATAACTTCCTCAGCTTGAGCAGTTTGTAAAGGAATGAGGTTACAGATTCAGGAATTGTAGGGCCTCAA
CCTATAGACTTTGCCAAATGCTCTCCGACATGCAGTAGATGGGAGACAAGAGGAGATTCCTGTGGTC
ATCGCTGCATCTGAAGACAGGCTTGGGGGGCCATTGCAGCTATAAACAGCATTACAGCACAACACTCGC
TCCAATGTGATTTCTACATTGTTACTCTCAACAATACAGCAGACCATCTCCGGTCTGGCTCAACAGT
GATTCCTGAAAAGCATCAGATACAAAATGTCAATTTTGACCCTAAACTTTTGAAGGAAAAGTAAAG
GAGGATCCTGACCAGGGGAATCCATGAAACCTTTAACCTTTGCAAGTTCTACTTGCCAATTCTGGTT
CCCAGCGCAAAGAAGGCCATATACATGGATGATGATGTAATTGTGCAAGGTGATATTCTTGCCCTTTAC
AATACAGCACTGAAGCCAGGACATGCAGCTGCATTTTCAGAAGATTGTGATTACAGCCTCTACTAAAGTT
GTCATCCGTGGAGCAGGAAACCAGTACAATTACATTGGCTATCTTGACTATAAAAAGGAAAGAAATTCGT
AAGCTTCCATGAAAGCCAGCACTTGCTCATTTAATCCTGGAGTTTTTGTGCAACCTGACGGAATGG
AAACGACAGAATAAATAACCAACTGGAAAAATGGATGAACTCAATGTAGAAGAGGACTGTATAGC
AGAACCCTGGCTGGTAGCATCACAAACCTCCTCTGCTTATCGTATTTTATCAACAGCACTTACCATC
GATCCTATGTGGAATGTCCGCCACCTTGGTTCCAGTGTGAAAACGATATTCACCTCAGTTTGTAAAG
GCTGCCAAGTTACTCCATTGGAATGGACATTTGAAGCCATGGGGAAGGACTGCTTATATACTGATGTT
TGGGAAAATGGTATATTCCAGACCCAACAGGCAAATTAACCTAATCCGAAGATATACCGAGATCTCA
AACATAAAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_001010983

Insert Size: 1116 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001010983.2](#)

RefSeq Size: 2394 bp

RefSeq ORF: 1116 bp

Locus ID: 55830

UniProt ID: [Q68CQ7](#)

Cytogenetics: 3p21.1

Protein Families: Transmembrane

MW: 41.9 kDa

Gene Summary: This gene encodes a member of the glycosyltransferase family. The specific function of this protein has not been determined. Alternative splicing results in multiple transcript variants of this gene [provided by RefSeq, May 2013]
Transcript Variant: This variant (3) represents the longest transcript. Variants 1, 2, 3, 4 and 5 encode the same protein.