

Product datasheet for **SC335685**

GLT8D1 (NM_001278281) Human Untagged Clone

Product data:

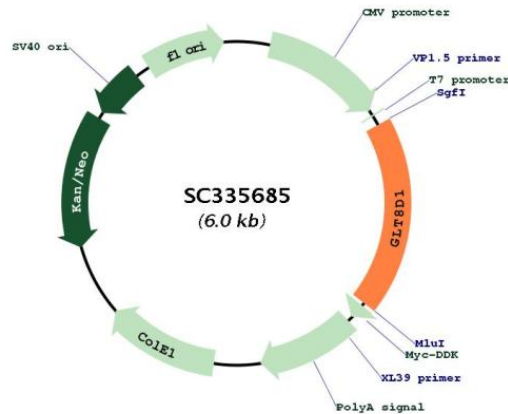
Product Type:	Expression Plasmids
Product Name:	GLT8D1 (NM_001278281) Human Untagged Clone
Tag:	Tag Free
Symbol:	GLT8D1
Synonyms:	AD-017; MSTP139
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC335685 representing NM_001278281. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGTCATTCCGTAAGTAAACATCATCATCTTGGTCCTGGCTGTTGCTCTCTTCTACTGGTTTTGCAC
CATAACTTCCTCAGCTTGAGCAGTTTGTAAAGGAATGAGGTTACAGATTCAGGAATTGTAGGCCTCAA
CCTATAGACTTTGTCCCAAATGCTCTCCGACATGCAGTAGATGGGAGACAAGAGGAGATTCTGTGGTC
ATCGCTGCATCTGAAGACAGGCTTGGGGGGCCATTGCAGCTATAAACAGCATTAGCACAACACTCGC
TCCAATGTGATTTCTACATTGTTACTCTCAACAATACAGCAGACCATCTCCGGTCTGGCTCAACAGT
GATTCCTGAAAAGCATCAGATACAAAATGTCAATTTTGACCCAAAACCTTTTGAAGGAAAAGTAAAG
GAGGATCTGACCAGGGGAATCCATGAAACCTTTAACCTTTGCAAGTTCTACTTGCCAATTCTGGTT
CCCAGCGCAAAGAAGGCCATATACATGGATGATGATGTAATTGTGCAAGGTGATATTCTTGCCCTTAC
AATACAGCACTGAAGCCAGGACATGCAGCTGCATTTTCAGAAGATTGTGATTACAGCCTCTACTAAAGTT
GTCATCCGTGGAGCAGGAAACCAGTACAATTACATTGGCTATCTTGACTATAAAAAGGAAAGAATTCGT
AAGCTTCCATGAAAGCCAGCACTTGCTCATTTAATCCTGGAGTTTTTGTGCAACCTGACGGAATGG
AAACGACAGAATAAATAACCAACTGGAAAAATGGATGAACTCAATGTAGAAGAGGGACTGTATAGC
AGAACCCTGGCTGGTAGCATCACAACACCTCCTCTGCTTATCGTATTTTATCAACAGCACTTACCATC
GATCCTATGTGGAATGTCCGCCACCTTGTTCCAGTGTGAAAACGATATTCACCTCAGTTTGTAAAG
GCTGCCAAGTTACTCCATTGGAATGGACATTTGAAGCCATGGGGAAGGACTGCTTCATATACTGATGTT
TGGGAAAATGGTATATTCCAGACCCAACAGGCAATTCAACCTAATCCGAAGATATACCGAGATCTCA
AACATAAAGTGA
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_001278281

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).

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_001278281.1](#)

RefSeq Size: 2138 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 (5) differs in the 5' UTR compared to variant 3. Variants 1, 2, 3, 4 and 5 encode the same protein.