

Product datasheet for SC313179

GLT8D1 (NM_152932) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	GLT8D1
Synonyms:	AD-017; MSTPI39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC313179 representing NM_152932. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCATTCCGTAAAGTAAACATCATCTTGGTCTGGCTGTTGCTCTTCTTACTGGTTTTGCAC
CATAACTTCCTCAGCTTGAGCAGTTTGTAAAGGAATGAGGTTACAGATTCAAGGAATTGAGGGCCTCAA
CCTATAGACTTTGTCCAAATGCTCTCCGACATGCAGTAGATGGGAGACAAGAGGAGATTCTGTGGTC
ATCGCTGCATCTGAAGACAGGCTTGGGGGGGCCATTGCAGCTATAAACAGCATTCAACCAACACTCGC
TCCAATGTGATTTTCTACATTGTTACTCTCAACAATACAGCAGACCATCTCCGGTCTGGCTCAACAGT
GATTCCCTGAAAAGCATCAGATACAAAATTGTCAATTTTGACCCTAAACTTTTGGAAAGGAAAAGTAAAG
GAGGATCCTGACCAGGGGAATCCATGAAACCTTTAACCTTTGCAAGGTTCTACTTGCCAATTCTGGTT
CCCAGCGCAAAGAAGGCCATATACATGGATGATGATGTAATTGTGCAAGGTGATATTCTGCCCTTTAC
AATACAGCACTGAAGCCAGGACATGCAGCTGCATTTTCAGAAGATTGTGATTCAGCCTCTACTAAAGTT
GTCATCCGTGGAGCAGGAAACAGTACAATTACATTGGCTATCTTGACTATAAAAAGGAAAGAAATTCGT
AAGCTTTCCATGAAAGCCAGCACTTGCTCATTTAATCCTGGAGTTTTTGTGCAAACTGACGGAATGG
AAACGACAGAATATAACTAACCAACTGGAAAAATGGATGAACTCAATGTAGAAGAGGGACTGTATAGC
AGAACCCTGGCTGGTAGCATCACAACCTCCTCTGCTTATCGATTTTATCAACAGCACTTACCATC
GATCCTATGTGGAATGTCCGCCACCTTGGTTCCAGTGCTGGAAAACGATATTCACCTCAGTTTGTAAG
GCTGCCAAGTTACTCCATTGGAATGGACATTTGAAGCCATGGGGAAGGACTGCTTCATATACTGATGTT
TGGGAAAAATGGTATATCCAGACCAACAGGCAAAATCAACCTAATCCGAAGATATACCGAGATCTCA
AACATAAAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites: SgfI-MluI



ACCN:	NM_152932
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_152932.2
RefSeq Size:	1723 bp
RefSeq ORF:	1116 bp
Locus ID:	55830
UniProt ID:	Q68CQ7
Cytogenetics:	3p21.1
Domains:	Glyco_transf_8
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 (1) differs in the 5' UTR compared to variant 3. Variants 1, 2, 3, 4 and 5 encode the same protein.