

Product datasheet for **SC212527**

SLC35A2 (NM_001042498) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLC35A2 (NM_001042498) Human 3' UTR Clone
Symbol:	SLC35A2
Synonyms:	CDG2M; CDGX; UDP-Gal-Tr; UGALT; UGAT; UGT; UGT1; UGT2; UGTL
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001042498
Insert Size:	1574 bp



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Insert Sequence: >SC212527 3'UTR clone of NM_001042498
 The sequence shown below is from the reference sequence of NM_001042498. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTTCTGCCAAAGTCAGTGTGGTGAAGTAGGGCTGGCAGCAATGGGGGACACAAGGGAGGGGACTG
GGTGGAGGGTGTGGGCATCTGCAGGACCCAAGTCGCCACCCTCCGGGGCTGGCTCCTCTGGGTTTG
GGAGATGGTCTTTTCTCCAGGTCAGTACTGAGACTTCTGGAGGGGTGTGGACTAGAGCTGGGTGTACGT
GAACCCTTCTGGTAGGGTGACCCCTTCCCTGGAGGGGTTTTAGAGCTGCCGCTCTGCTCCCTCT
AACCTCTTTGGAGGCAGGGTTGGGGTATTGTCATTCAAGGCCTTTTTTTGTCTGCTCCCTCCCGAC
CCTGTGCCCTCTCTGGAGGTTTCTCGTCTGGGAGAGTCCCTCCAGCAGTCCCTCCACCTCCATAAGG
ACACACTGGACAAAACCTCCGCAGCTCTTCAGGAATGACCGATGCCTACCTGTGGGGTTCAGTTGCCCA
TAGTTTGGAGCCTTCTCTCCCTTACCACCGCTCTGGATCATGTTACTAGTCCGTCTTTTGTGTGG
CCTTGGGCCAGCTTCTTGATACCTTGAAGATGGGCTTCTTGTGAGTCCCAGGGAGAAAGGGACAAGA
GCTAAGATTTTTGCATCAGCCCTTCTGGCAGAAGGTGTGGTAGGGCCATTTGTTTTTTTTAGTGGACT
TGGGATTTGTGGTGAATCATATCATTAAATGATCCAGGGTGTGGGAAAAATGGAGGTCTTGAAGTGGC
TGAATCTCATTGTATTTAAGACTGTGTCAGTTGCCAGATGAGGCTTATTTTTGGAGATGTCTAGGAGA
GGAAAAAGCTACCAATCATACTTTGATATCCGTCTGGCTGTGTGAGGCACCCCTACCTCATGGGGTG
TCTTGGGATTGATGAAGTGTGGAACCTGCCTCTGCGCTCCCAAAGCTTATAACCCCTAACTGTAT
CGGGCGGGGTGTGTGTGCATGGAAGATGCCTGGGCTGTCTTTGCTATATGTAATAGAGCCATTGG
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CAGGATATCCAATGCCAAATAAAGATGTTGTATTTATTTAGTCCACGTGTAGCTTTCTGACCAGGTGGG
CACCATTACTAACCCAGGACTACCAGCCTCACCACCGCCGCCCTCACTTGTCTAGGAAACCCGCTGC
CAGCCTAGCCAGCTTTGTGTTTTCTTCCCTCCCATCCACACAGGTTGCTACCAAGGTGAAGG
GTTCTAGCCGCTGGGATTGAAGACATTGGCCTGGCCTCGTTCTCTTCTTGGCCCTGGCCAGCTGG
GACCAAACCTGTATCAGTATTAGGGTAGAGTGGGAGACTGGACTCCCTGTCCCAACCCCTG
CCCCACCCAGGGCCAACATGACTAAGCTCTCTCATGACCCACCTCAGCTCAGCCCCCAGCCCTGCCA
GCTCCACACTATCTTGTAGTGTGTTTTGCAAATAAAATGTGTGTGTATCTTGC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001042498.3](https://www.ncbi.nlm.nih.gov/nuccore/NM_001042498.3)

Summary: This gene encodes a member of the nucleotide-sugar transporter family. The encoded protein is a multi-pass membrane protein. It transports UDP-galactose from the cytosol into Golgi vesicles, where it serves as a glycosyl donor for the generation of glycans. Mutations in this gene cause congenital disorder of glycosylation type II_m (CDG2M). Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Oct 2014]

Locus ID: 7355

MW: 57.8