

Product datasheet for **SC324980**

SLC35C1 (NM_001145266) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: SLC35C1

Synonyms: CDG2C; FUCT1

Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_001145266, the custom clone sequence may differ by one or more nucleotides

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ATGGCGCTGACCGGGCCCTCAGACCCCTCTGCAGAGGCAGAGGCCAACGGGAGAAGCCC
TTTCTGCTGCGGGCATTGCAGATCGCGCTGGTGGTCTCCCTCTACTGGGTCACCTCCATC
TCCATGGTGTCTTAATAAGTACCTGCTGGACAGCCCTCCCTGCGGCTGGACACCCCT
ATCTTCGTACCTTCTACCACTGCTGGTACCACGCTGCTGTGCAAAGGCCTCAGCGCT
CTGGCCGCCTGCTGCCCTGGTCCGCTGGACTTCCCCAGCTTGGCCTGGACCTCAGGGTG
GCCCCGAGCGTCTGCCCTGTGCGTGGTCTTCATCGGCATGATCACCTTCAATAACCTC
TGCTCAAGTACGTCGGTGTGGCCTTCTACAATGTGGGCCGCTCACTCACCACCGTCTTC
AACGTGCTGCTCTCCTACCTGCTGCTCAAGCAGACCACCTCCTTCTATGCCCTGCTCACC
TGCGGTATCATCATCGGGGCTTCTGGCTTGGTGTGGACAGGAGGGGCGAGAAGGCACC
CTGTCTGTGGTGGGCAACGCTCTTCGGCGTGTGGCTAGCCTCTGTGCTCTGCTCAACGCC
ATCTACACCACGAAGGTGCTCCCGCGGTGGACGGCAGCATCTGGCGCCTGACTTTCTAC
AACACGTCAACGCCTGCATCCTCTTCCTGCCCTGCTCCTGCTGCTCGGGAGCTTCAG
GCCCTGCGTGACTTTGCCAGCTGGGCACTGCCACTTCTGGGGGATGATGACGCTGGGC
GGCCTGTTTGGCTTTGCCATCGGCTACGTGACAGGACTGCAGATCAAGTTCACCAAGTCCG
CTGACCCACAATGTGTGCGGCACGGCCAAGGCCTGTGCCAGACAGTGTGGCCGTGCTC
TACTACGAGGAGACCAAGAGCTTCTCTGGTGGACGAGCAACATGATGGTGTGGGCGGC
TCCTCCGCTACACCTGGGTGAGGGCTGGGAGATGAAGAAGACTCCGGAGGAGCCAGC
CCCAAAGACAGCGAGAAGAGGCCATGGGGTG
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Restriction Sites: Please inquire

ACCN: NM_001145266

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_001145266.1 , NP_001138738.1
RefSeq Size:	3160 bp
RefSeq ORF:	1056 bp
Locus ID:	55343
UniProt ID:	Q96A29
Cytogenetics:	11p11.2
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a GDP-fucose transporter that is found in the Golgi apparatus. Mutations in this gene result in congenital disorder of glycosylation type IIc. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2009] Transcript Variant: This variant (3) uses an alternate 5' splice pattern and downstream start codon, compared to variant 1. The resulting isoform (b) has a shorter N-terminus, compared to isoform a. Both variants 2 and 3 encode the same isoform.