

## Product datasheet for **SC324979**

### SLC35C1 (NM\_001145265) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SLC35C1 (NM\_001145265) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** SLC35C1  
**Synonyms:** CDG2C; FUCT1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >SC324979 representing NM\_001145265.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCTGACCGGGGCTCAGACCCCTCTGCAGAGGCAGAGGCCAACGGGGAGAAGCCCTTTCTGCTG
CGGGCATTGCAGATCGCGCTGGTGGTCTCCCTCTACTGGGTACCTCCATCTCCATGGTGTTCCTTAAT
AAGTACCTGTGGACAGCCCTCCCTGCCGCTGGACACCCCATCTTCGTACCTTCTACCAGTGCCTG
GTGACCACGCTGTGTCAAAGGCCTCAGCGCTCTGGCCGCTGTCGCCCTGGTGGCGTGGACTTCCCC
AGCTTGGCCTGGACCTCAGGGTGGCCCGCAGCGTCTGCCCTGTGGTGGTCTTCATCGGCATGATC
ACCTTCAATAACCTCTGCCTCAAGTACGTGGTGTGGCCTTCTACAATGTGGCCGCTCACTCACCACC
GTCTTCAACGTGCTGCTCCTACCTGCTGCTCAAGCAGACCACCTCCTTCTATGCCCTGCTCACCTGC
GGTATCATCATCGGGGGCTTCTGGCTTGGTGTGGACCAGGAGGGGGCAGAAGGCACCCTGTGCTGGCTG
GGCACCCTCTCGGCGTGGCTGGCTAGCCTCTGTGTCTCGTCAACGCCATCTACACCACGAAGGTGCTC
CCGGCGGTGGACGGCAGCATCTGGCGCTGACTTTCTACAACAACGTCAACGCCTGCATCCTCTTCTG
CCCCTGCTCCTGCTGCTCGGGGAGCTTCAAGCCCTGCGTACTTTGCCAGCTGGGCAGTGGCCACTTC
TGGGGATGATGACGCTGGGCGGCTGTTGGCTTGGCATCGGTACGTGACAGGACTGCAGATCAAG
TTCACCACTCCGCTGACCCAAATGTGTGGGCACGGCCAAGGCCTGTGCCAGACAGTGTGGCCGCTG
CTCTACTACGAGGAGACCAAGAGCTTCTCTGGTGGACGAGCAACATGATGGTGTGGCGGCTCCTCC
GCCTACACCTGGGTCAAGGGCTGGGAGATGAAGAAGACTCCGGAGGAGCCAGCCCCAAAGACAGCGAG
AAGAGCGCCATGGGGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001145265



<b>Insert Size:</b>	1056 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001145265.1</a>
<b>RefSeq Size:</b>	3257 bp
<b>RefSeq ORF:</b>	1056 bp
<b>Locus ID:</b>	55343
<b>UniProt ID:</b>	<a href="#">Q96A29</a>
<b>Cytogenetics:</b>	11p11.2
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	38.2 kDa
<b>Gene Summary:</b>	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 (2) 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.