

Product datasheet for **SC122875**

SLC35C1 (NM_018389) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35C1 (NM_018389) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35C1
Synonyms:	CDG2C; FUCT1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_018389 edited
CCAGCTCCTCTGCTACCATGAATAGGGCCCTCTGAAGCGGTCCAGGATCCTGCACATGG
CGCTGACCGGGGCTCAGACCCCTCTGCAGAGGCAGAGGCCAACGGGGAGAAGCCCTTTC
TGCTGCGGGCATTGCAGATCGCGCTGGTGGTCTCCCTCTACTCGGTACCTCCATCTCCA
TGGTGTTCCTTAATAAGTACCTGCTGGACAGCCCTCCCTGCGGTGGACACCCCATCTG
TCGTACACCTTACCAGTGCCTGGTGACCACGCTGCTGTGCAAAGGCTCAGCGCTGG
CCGCTGCTGCCCTGGTGCCGTGGACTTCCCAGCTTGCCTGGACCTCAGGGTGGCC
GCAGCGTCTGCCCTGTGCGTGGTCTTTCATCGGCATGATCACCTTCAATAACCTCTGCC
TCAAGTACGTGCGGTGGCCCTTACAATGTGGGCGCTCACTACCACCGTCTTCAACG
TGCTGCTCTCCTACCTGCTGCTCAAGCAGACCACCTCCTTCTATGCCCTGCTCACCTGG
GTATCATCATCGGGGCTTCTGGCTTGGTGTGGACCAGGAGGGGGCAGAAGGCACCTGT
CGTGGTGGGCACCGTCTTGGCGTGGTGGCTAGCCTCTGTGCTCGCTCAACGCCATCT
ACACCACGAAGGTGCTCCCGCGGTGGACGGCAGCATCTGGCGCTGACTTTCTACAACA
ACGTCAACGCCTGCATCCTTCTTCTGCCCTGCTCCTGCTGCTCGGGGAGCTTCAGGCC
TGCGTGACTTTGCCAGCTGGGAGTGGCCACTTCTGGGGATGATGACGCTGGGCGGCC
TGTTTGGCTTTGCCATCGCTACGTGACAGGACTGCAGATCAAGTTCACCAAGTCCGCTGA
CCCACAATGTGTGCGGCACGGCCAAAGCCTGTGCCAGACAGTGTGGCGTGGCTCTACT
ACGAGGAGACCAAGAGCTTCTCTGGTGGACGAGCAACATGATGGTGGTGGGCGGCTCCT
CCGCTACACCTGGGTGACGGGCTGGGAGATGAAGAAGACTCCGGAGGAGCCAGCCCCA
AAGACAGCGAGAAGAGCGCCATGGGGGTGTGAGCACCACAGGCACCTGGATGGCCGGC
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AAGCGTGTGGTGTGGACTGGTGTACTTATAGACCAATCAGAATACGGTGGTTGA
GAAGGAACCAAGTTTACAAGTAAATATCAGAAAGTTGAAGGAACCAAGTTTACAAGTAA
TACCAGAAAGTTGCCAAACCTTCTCTATCCTCTCGTATTTCTGAGTTTTTGTCTTCCC
GAGGGAGCACCTAGTGAGAGTTGAACCCCTTCTTCTGCTCCAGGGCCTGTCTGCCTC
CACATCACTCTGAGGACAGGGACAGGCAACAACCTTGAAGGGACAGCAATGGCAAAGCCA
CAAAGGCTTCACTGTAAGGAGATGGCCCTACCACAGCCACCTGGAGAGGGTTGGG
AAGCCTCCGTCTGCGGTGGCAGGCAGCCTCACCTGGGCCACAGACCGGCTTCTT
TGGAGGAAAGTGTGGCTGGACTGAGGGAGGAAATGAGCGAGTTCCTCTGACACCAGCA
GATCCCCAGGGGCTGCTGGCAGTGGCCTGGGAATGGGGTGGATTGTGAGAAAGTGTCA
CCATCTATACACCCTGTATGTCCAGCTTTTGAACACAAGGGAACCATGCTTCTTAGAG
GTTAAGCAGGGTCATTAACATCCTCCCCAGTCCCTAACATCACATTGTCTGCGTGGCT
CCTCTGGCCCTGAGTGGCACCTGTCCCTCTGGTCTCCCAGCACCTGGCCAGGTAACAGC
CTTCTGAAAGCAGAGCCAAGGAGCTGCTTCTCTTCTCCAGTTCTACCTCCCCAGAAG
CCTTCTCCCCAGGTGGGGCTGATGGAGCAAGGGTCCAGACTAGGAGCCTTCCACCCAG
CTGTGCTGGCGCCCTAGATCTCTGCAAGGGAGGTGTTACAGCTGGTTCTGAGCCGCTT
GCCTTGTGATGGTAAGACACCAACCTTTACATTTCTCCCTGAGGTTGTGGCTGACAGAGC
CTGCTTGGCCCACTGTTAGTCCAGCGAGCTCCTATATCAAAATGCCGTAGGCCGGGTGG
CTTACAAACAACAGAAACGTATTGCTCACAGTCTGGGGGCTGGGACGCCCAAGATCAA
GAGGCCAGCAGATTCGGACTCCGCTGAGGGCTGTTTCCCGATCCATAGATGGTGCCTTCT
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GACTCCAACCCTGTTTCATGAGGGTTCGCCCCCATGACCAATCAGCTCCAAAGGCCCA
CCTCCTAATACTGTACCTTGGGGGTGAGAATTCCAATGTGAATTTGAGGGGGAGTGGG
GGACACACACAAATTTGGGGCCATACCACCTTACCACACCCTCCTGCGCTCAGGGT
GCTTGCAGTCCCTGGCCCTTCTGGTGGCATTGGTATGCTCTTCTTGGGGTGAATTT
CTGATGTTTTTACTCTATATAGTAAAAGCTAGGGAGAGCGGGTCTTCTCCCCCTCCCT
CTCCAGTCCCCTACAATCCCAGATGGGTCTAATGCAGCTGCTGGGGCCTGATGCCCTG
AGTTGTTGTGATTCAATAAAGAATCCATAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_018389 unedited AGTCAGAAATTTTGAATACGACTTCACTATAGGGCGGCCGGAATTCGCACGAGGCCAGC TCCTCTGCTACCATGAATAGGGCCCTCTGAAGCGGTCCAGGATCCTGCACATGGCGCTG ACCGGGGCCTCAGACCCCTCTGCAGAGGCAGAGGCCAACGGGGAGAAGCCCTTTCTGCTG CGGGCATTGCAGATCGCGCTGGTGGTCTCCCTCTACTCGGTCACCTCCATCTCCATGGTG TTCCTTAATAAGTACCTGCTGGACAGCCCTCCCTGCGGCTGGACACCCCATCTTCGTC ACCTTCTACCAAGTGCCTGGTACCACGCTGTGCAAAGGCCTCAGCGCTCTGGCCGCC TGCTGCCCTGGTCCGTGGACTTCCCCAGCTTGGCGCTGGACCTCAGGGTGGCCCGCAGC GTCCTGCCCTGTGGTGGTCTTCATCGGCATGATCACCTTCAATAACCTCTGCCTCAAG TACGTCGGTGTGGCCTTACAATGTGGGCCGCTCACTACCACCGTCTTCAACGTGCTG CTCTCCTACCTGCTGCTCAAGCAGACCCTCCTTCTATGCCCTGCTCACCTGCGGTATC ATCATCGGGGGCTTCTGGCTTGGTGTGGACCAGGAGGGGGCAGAAGGCACCTGTCTGCTG CTGGGCACCGTCTTCGGCGTGGTGGCTAGCCTCTGTGTCTCGCTCAACGCCATCTACACC ACGAAGGTGCTCCCGCGGTGGACGGCAGCATCTGGCGCCTGACTTTCTACAACAACGTC AACGCCTGCATCCTTCTCTGCCCTGCTCCTGCTGCTCGGGGAGCTTCAGGCCCTGCGT GACTTTGCCAGCTGGGCAGTGCCCACTTCTGGGGATGATGACGCTGGCCGGCCTGTT GGCTTGCATCGGCTACNTGACGGACTGCAA
Restriction Sites:	Please inquire
ACCN:	NM_018389
Insert Size:	2845 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:	<ol style="list-style-type: none"> 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_018389.3 , NP_060859.3
RefSeq Size:	2836 bp
RefSeq ORF:	1095 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 (1) represents the longest transcript and encodes the longer isoform (a).