

Product datasheet for **SC319342**

SLC35B4 (NM_032826) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35B4 (NM_032826) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35B4
Synonyms:	YEA; YEA4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032826.3
GAGACCGCGGCCCGCCAGTGAGAGCGGCTTCCAGGACGGTGGCATGTGCTGCGCAGC
GAAGAGCAGGAGGCCCGCTTCCCTGGGGTAGCGGTACAGCGGGCGCTTACTCTGTGCGC
TTGCTTCCCAACCCTGCACCGCCATGCGCCCGCCTTGGCGGTGGCCCTGGTGTTCGC
AGGCTGCTGACGTAACGTGATCTTCTAGAGCTCCTGGCCCGGAAGCATCCAGGATGTGG
GAACATTGTGACATTTGCACAATTTTTATTATTGCTGTGGAAGGCTTCTCTTTGAAGC
TGATTTGGGAAGGAAGCCACCAGCTATCCCAATAAGGTAATGCCATAATGGTGACCAT
GTTCTTACCAGTGGTGAACAATGATGATGATGATGATGATGATGATGATGATGATGATGAT
GATATGATATTTAGATCCGTTCTCTAATTGCCAACATGATTCTAGGAATTATCATTTT
GAAGAAAAGATACAGTATATTCAAATATACCTCCATTGCCCTGGTGTCTGTGGGGATATT
TATTTGCACTTTTATGTCAGCAAAGCAGGTGACTTCCCAGTCCAGCTTGAGTGAGATGA
TGGATTCCAGGCATTTGTGTGGTGGTACTAGGTATTGGGGCATTGACTTTTGTCTTCT
GATGTCAGCAAGGATGGGGATATTCCAAGAGACTCTCTACAAACGATTTGGGAAACACTC
CAAGGAGGCTTTGTTTTATAATCACGCCCTTCCACTTCCGGGTTTCGTCTTCTTGGCTTC
TGATATTTATGACCATGCAGTTCTATTCAATAAGTCTGAGTTATATGAAATTCCTGTCAT
CGGAGTGACCCTGCCATCATGTGGTCTACCTCCTCATGAACATCATCACTCAGTACGT
GTGCATCCGGGTGTGTTTATCCTCACCACGGAATGCGCTCCCTCACCGTCACGCTCGT
CGTGACCCTACGCAAATTTGTGAGCCTCATTTTTCCATCTTGTACTTCCAGAACCCTT
CACCTGTGGCACTGGCTGGGCACCTTGTGTTTCTTATTGGGACCTTAATGTACACAGA
GGTGTGGAACAACCTAGGGACCACAAAAGTGAGCCTCAGAAGGACAGCAAGAAGAAGT
AGGCTGCTGGAGTACGTAGACCAAGTGTGTCATGAGGGAGGGACCCTGTGAAGTCTG
ACCACCGTTTCGCTTTTGTAAATGCCGAGTACCCGAGTGTGAGCCAGCCGTGCAAAA
GGAAATCTTCAGGAGGGGACTTCTCACGTTGCTCAGACTGACACATGTAGACTAAATAGA
AACCCCTCAGCCCTAAAATAGAAAAAAGAACAGTTCTAGACTGAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_032826
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:	<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:	<u>NM_032826.3</u> , <u>NP_116215.1</u>
RefSeq Size:	6794 bp
RefSeq ORF:	996 bp
Locus ID:	84912
UniProt ID:	<u>Q969S0</u>
Cytogenetics:	7q33
Protein Families:	Transmembrane
Gene Summary:	Glycosyltransferases, such as SLC35B4, transport nucleotide sugars from the cytoplasm where they are synthesized, to the Golgi apparatus where they are utilized in the synthesis of glycoproteins, glycolipids, and proteoglycans (Ashikov et al., 2005 [PubMed 15911612]). [supplied by OMIM, Mar 2008]