

## Product datasheet for **SC334871**

### SLC35B1 (NM\_001278784) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35B1 (NM_001278784) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35B1
Synonyms:	AXER; UGTREL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001278784, the custom clone sequence may differ by one or more nucleotides

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ATGTGTGATCAATGCTGTGTTTGCCAAGATCTGGTGGATCGTACCCGGAGCTGGCTCTATGCTGCCTGTT
CTATCTCCTATCTGGGTGCCATGGTCTCCAGCAATTCAGCACTACAGTTTGTCAACTACCCAACCTCAGGT
CCTTGGTAAATCCTGCAAGCCAATCCCAGTCATGCTCCTTGGGGTGACCCTTTGAAGAAGAAGTACCCG
TTGGCCAAGTACCTGTGTGCTGTTAATTGTGGCTGGAGTGGCCCTTTTCATGTACAAACCAAGAAAG
TTGTTGGGATAGAAGAACACACAGTCGGCTATGGAGAGCTACTCTTGCTATTATCGCTGACCCTGGATGG
ACTGACTGGTGTTCAGGACCATGCGGGCTCATTACCAAACAGGCTCCAACCACATGATGCTGAAC
ATCAACCTTTGGTCGACATTGCTGCTGGGAATGGGAATCCTGTTCACTGGGGAGCTCTGGGAGTTCTTGA
GCTTTGCTGAAAGGTACCCTGCCATCATCTATAACATCCTGCTCTTTGGGCTGACCAGTGCCTGGGTCA
GAGCTTCATCTTTATGACGGTTGTGATTTTGGTCCCCTGACCTGCTCCATCATCACTACAACCTCGAAAG
TTCTTCACAATTTTGGCCTCTGTGATCCTCTTCGCAATCCCATCAGCCCATGCAGTGGGTGGGCACTG
TGCTTGTGTTCTGGGTCTTGGTCTTGTATGCCAAGTTGGGAAAGGAGCTAAGAAGACATCCCACTAG
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001278784
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).



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<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>	<u>NM_001278784.1</u> , <u>NP_001265713.1</u>
<b>RefSeq Size:</b>	1596 bp
<b>RefSeq ORF:</b>	768 bp
<b>Locus ID:</b>	10237
<b>Cytogenetics:</b>	17q21.33
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a nucleotide sugar transporter which is a member of solute carrier family 35. The transporters in this family are highly conserved hydrophobic proteins with multiple transmembrane domains. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site in the 5' coding region and initiates translation at downstream start codon compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.</p>