

Product datasheet for **SC108556**

SLC35B1 (NM_005827) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35B1 (NM_005827) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35B1
Synonyms:	AXER; UGTREL1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_005827, the custom clone sequence may differ by one or more nucleotides

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ATGAGGCCCTGCCGCCGGTCCGGCGATGCCGGCTGGAGCTGTCGCCCTCCGCCGCCGCTGCTGCCGGTGC
CGGTTGTGAGCGGGTCTCCAGTCGGCTCCTCTGGGCGTCTCATGGCCTCTAGCAGCTCCCTGGTGCCGA
CCGGCTGCGCCTGCCGCTCTGCTTCCTGGGTGTCTTTGTCTGCTATTTTACTATGGGATCCTGCAGGAA
AAGATAACAAGAGGAAAGTATGGGGAAGGAGCCAAGCAGGAGACGTTACCTTTGCCTAACTTTGGTCT
TCATTCAATGTGTGATCAATGCTGTGTTTGCCAAGATCTTGATCCAGTTTTTTGACTGCCAGGGTGA
TCGTACCCGGAGCTGGCTCTATGCTGCCTGTTCTATCTCCTATCTGGGTGCCATGGTCTCCAGCAATTCA
GCACTACAGTTTGTCACTACCCAACCTCAGGTCCTTGGTAAATCCTGCAAGCCAATCCCAGTCATGCTCC
TTGGGGTGACCTCTTGAAGAAGAAGTACCCGTTGGCCAAGTACCTGTGTGTGCTGTTAATTGTGGCTGG
AGTGGCCCTTTTCATGTACAAACCAAGAAAGTTGTTGGGATAGAAGAACACACAGTCGGCTATGGAGAG
CTACTCTTGCTATTATCGCTGACCTGGATGGACTGACTGGTGTTCAGGACCACATGCCGGGCTCATT
ACCAAACAGGCTCCAACCACATGATGCTGAACATCAACCTTTGGTCGACATTGCTGCTGGGAATGGGAAT
CCTGTTCACTGGGGAGCTCTGGGAGTCTTGAGCTTTGCTGAAAGGTACCTGCCATCATCTATAACATC
CTGCTCTTTGGGCTGACCAGTGCCTGGGTCAGAGCTTCATCTTATGACGGTTGTGATTTTGGTCCCC
TGACCTGCTCCATCATCACTACAACCTCGAAAGTTCTTACAATTTGGCCTCTGTGATCCTCTTCGCCAA
TCCCATCAGCCCCATGCAGTGGGTGGGCACTGTGCTTGTGTTCTGGGTCTTGGTCTTGATGCCAAGTTT
GGGAAAGGAGCTAAGAAGACATCCCACTAG

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_005827 unedited
 GGATTTTGTAAATACGACTTCACTATAGGGCGGCCGCGACATTCGCACGAGGGTCGCCTCC
 GCCGCGCTGCTGCCGGTGCCGGTTGTGAGCGGGTCTCCAGTCGGCTCCTCTGGGCGTCT
 CATGGCCTCTAGCAGCTCCCTGGTGCCCGACCGGCTGCGCCTGCCGCTCTGCTTCTGGG
 TGTCTTTGTCTGCTATTTTTACTATGGGATCCTGCAGGAAAAGATAACAAGAGGAAAAGTA
 TGGGGAAGGAGCCAAGCAGGAGACGTTACCTTTGCCTTAACTTTGGTCTTCATTCAATG
 TGTGATCAATGCTGTGTTTTGCCAAGATCTGGTGGATCATACCCGGAGCTGGCTCTATGCT
 GCCTGTTCTATCTCCTATCTGGGTGCCATGGTCTCCAGCAATTCAGCACTACAGTTTGT
 AACTACCCAACCTCAGGTCTTGGTAAATCCTGCAAGCCAATCCCAGTCATGCTCCTTGGG
 GTGACCTCTTGAAGAAGAAGTACCCGTTGGCCAAGTACCTGTGTGTGCTGTTAATTGTG
 GCTGGAGTGGCCCTTTTCATGTACAAACCAAGAAAGTTGTTGGGATAGAAGAACACACA
 GTCGGCTATGGAGAGCTACTCTTGTATTATCGCTGACCTGGATGGACTGACTGGTGT
 TCCCAGGACCACATGCGGGCTCATTACCAACAGGCTCCAACCACATGATGCTGAACATC
 AACCTTTGGTCGACATTGCTGCTGGGAATGGGAATCCTGTTCACTGGGGAGCTCTGGGAG
 TTCTTGAGCTNTGCTGAAAGGTACCCTGCCATCATCTATAACATCCTGCTCTTTGGGCTG
 ACCAGTGCCTGNGTCAGAGCTTCACTTATGACGGNTGNGTATTTTGGTCCCCTGACCG
 TNCATCTCACTACACTCGAAAGTCTCCACATNTGCCTCTGTGATCCTCTCNC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_005827 unedited
 TCTCGCGCCACGCTTTCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTGTGATTTTGCTTGA
 TTTTATTTTATTAATAAAGATGGAACCTCAGTCCCATATTCCTATTAAGTCCATTTTCCCA
 AGAGATGTCAGTGTGGAGATAATAACTTAAATATTCTTGATGTGGAGGTAGTCTCTCTC
 TTCTAGTGGGATGTCTTCTTAGCTCCTTTCCCAAACCTGGCATCAAGACCAAGACCCAG
 GAACACAAGCACAGTGCCACCCACTGCATGGGGCTGATGGGATTGGCGAAGAGGATCAC
 AGAGGCCAAAATTGTGAAGAACCTTCGAGTTGTAGTGATGATGGAGCAGGTCAGGGGACC
 AAAATACACAACCGTCATAAAGATGAAGCTCTGACCCAGGGCACTGGTCAGCCCAAAGAG
 CAGGATGTTATAGATGATGGCAGGGTACCTTTACGAAAGCTCAAGAACCTCCACAGCTC
 CCCAGTGAACAGGATTTCCATTCCACAGCAATGTGACCAAAAGGTTGATGTTCCCAT
 CATGTGGCTGGAGCCTGTTCCGTAATGAGCCCGCATGTGGCCCTGGGAAACACAGTAC
 TCCATCCAGGGTACCCGATAATAGCCAGAGTAGCTCTCCCTAGCCGACTGTGTGTTCTTC
 TATCCCAACAACCTTTCTCGGGTTTGGCCCTGAAAAGGGCCCTCTACCCCATTTACAG
 CCCACCACAGGTACTTGGCCACGGCACCTCTCTTTCAGAGGGCCACCCCAAGGCAAGC
 TTGACTGGGATTGGCTTGCAGGATTTACCCAGGACCCGAGTTGGGCTATTGCCACATGT
 ACTGCCTGATTGCTCGAAACCTGGCCCCCCCCATAGAAAATATACCCGCCCCCTTAGCC
 ACCCCCCGGGCTTGACCCCCACACCCTGCCAACCN

Restriction Sites:

NotI-NotI

ACCN:

NM_005827

Insert Size:

1220 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_005827.1 , NP_005818.1
RefSeq Size:	1186 bp
RefSeq ORF:	969 bp
Locus ID:	10237
UniProt ID:	P78383
Cytogenetics:	17q21.33
Domains:	DUF6
Protein Families:	Transmembrane
Gene Summary:	<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 (1) represents the longer transcript and encodes the longer protein (isoform 1). CCDS Note: The coding region has been updated to scale back the N-terminus to one that is more supported by the available transcript data and by conservation across mammals.</p>