

Product datasheet for **SC305285**

SLC2A10 (NM_030777) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC2A10 (NM_030777) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC2A10
Synonyms:	ATORS; ATS; GLUT10
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:	>OriGene sequence for NM_030777 edited <pre> GAAAGTTTGTCCGGCGGCAGCGCGTGGGGACTCCGGCGGGGATGCGCGCCCGGCCCC TCAGCGCCCCAGCACGCCGCCAGTCCCGCTCGCCATGGGCCACTCCCCACCTGTCCTG CCTTTGTGTGCCTCTGTGTCTTTGCTGGGTGGCCTGACCTTTGGTTATGAACTGGCAGTC ATATCAGGTGCCCTGCTGCCACTGCAGCTTGACTTTGGGCTAAGCTGCTTGGAGCAGGAG TTCCTGGTGGGCAGCCTGCTCCTGGGGGCTCCTCGCCTCCCTGGTTGGTGGCTTCCTC ATTGACTGCTATGGCAGGAAGCAAGCCATCCTCGGGAGCAACTTGGTGTCTGCTGGCAGGC AGCCTGACCCCTGGGCTGGCTGGTTCCCTGGCCTGGCTGGTCTGGGCCGCGCTGTGGTT GGCTTCGCCATTTCCCTCTCCTCATGGCTTGCTGTATCTACGTGTAGAGCTGGTGGGG CCACGGCAGCGGGGAGTGGTGTCCCTCTATGAGGCAGGCATCACCCTGGGCATCCTG CTCTCCTATGCCCTCAACTATGCACTGGCTGGTACCCCTGGGGATGGAGGCACATGTTT GGCTGGGCCACTGCACCTGCTGTCTGCAATCCCTCAGCCTCCTCTTCTCCTGCTGGT ACAGATGAGACTGCAACACACAAGGACCTCATCCCACTCCAGGGAGGTGAGGCCCAAG CTGGGCCCGGGAGGCCACGGTACTCCTTTCTGGACCTCTTCAGGGCACGCGATAACATG CGAGGCCGACCACAGTGGGCTGGGGCTGGTGTCTTCCAGCAACTAACAGGGCAGCCC AACGTGCTGTGCTATGCCCTCCACCATCTTCAGCTCCGTTGGTTTCCATGGGGATCCTCA GCCGTGCTGGCCTCTGTGGGGCTTGGCGCAGTGAAGGTGGCAGTACCCTGACCGCCATG GGGCTGGTGGACCGTGCAGGCCGAGGGCTCTGTTGCTAGCTGGCTGTGCCCTCATGGCC CTGTCCGTGAGTGGCATAGGCCTCGTCAGCTTTGCCGTGCCCATGGACTCAGGCCCAAGC TGTCTGGCTGTGCCAATGCCACCGGCAGACAGGCCTCCCTGGAGACTCTGGCCTGCTG CAGGACTCCTCTCTACCTCCCATTCCAAGGACCAATGAGGACCAAGGGAGCCAACTTG TCCACTGCTAAGAAAACCAAGCCCCATCCAGATCTGGAGACCCCTCAGCCCCCTCCTCG CTGGCCCTGAGCTCTGCCCTCCCTGGGCCCCCTGCCCCGCTCGGGGGCATGCACTGCTG CGCTGGACCGCACTGCTGTGCCTGATGGTCTTTGTGAGTGCCTTCTCCTTTGGGTTTGGG CCAGTGACCTGGCTTGTCTCAGCGAGATCTACCCTGTGGAGATACGAGGAAGAGCCTTC GCCTTCTGCAACAGCTTCAACTGGGCGGCCAACCTCTTCATCAGCCTCTCCTTCCTCGAT CTCATTGGCACCATCGGCTTGTCTGGACCTTCTGCTCTACGGACTGACCGCTGTCTCTC GGCCTGGGCTTCATCTATTTATTTGTTCTGAAACAAAAGGCCAGTCGTTGGCAGAGATA GACCAGCAGTTCCAGAAGAGACGGTTACCCTGAGCTTTGGCCACAGGCAGAACTCCACT GGCATCCCGTACAGCCGATCGAGATCTCTGCGCCTCCTGAGGAATCCGCTGTGCTGGA AATTCTGGAAGTGTGGCTTTGGCAGACCATCTCCAGCATCCTGCTTCTAGGCC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_030777
Insert Size:	1800 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_030777.3.
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:	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_030777.3, NP_110404.1</u>
RefSeq Size:	4241 bp
RefSeq ORF:	1626 bp
Locus ID:	81031
UniProt ID:	<u>O95528</u>
Cytogenetics:	20q13.12
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a member of the class III facilitative glucose transporter family. The encoded protein plays a role in regulation of glucose homeostasis. Mutations in this gene have been associated with arterial tortuosity syndrome.[provided by RefSeq, Dec 2009]