

Product datasheet for **SC122863**

SLC2A6 (NM_017585) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC2A6 (NM_017585) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC2A6
Synonyms:	GLUT6; GLUT9; HSA011372
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_017585 edited
CCTCCGCTCGCCCCGAGAGAGACCCGGCCATGCAGGAGCCGCTGCTGGGAGCCGAGGGCC
CGGACTACGACACCTTCCCCGAGAAGCCGCCCCCGTCGCCAGGGGACAGGGCGCGGGTCC
GGACCCTGCAGAACAAAAGGGTGTTCCTGGCCACCTTCGCCGAGTGTCTGGCAATTTCA
GCTTTGGGTATGCCCTGGTCTACACATCCCCTGTATCCCAGCCCTGGAGCGCTCCTTGG
ATCCTGACCTGCATCTGACCAAATCCCAGGCATCCTGGTTTGGTCCGTGTTACACCTGG
GAGCAGCGGGCCGGAGGCCCTGAGTGCCATGATCCTCAACGACCTCTGGGCCGGAAGCTGA
GCATCATGTTCTCAGCTGTGCCGTGCGCGCCGGCTATGCGCTCATGGCGGGTCCGCACG
GCCTCTGGATGCTGCTGCTCGGAAGGACGCTGACGGGCTTCGCCGGGGGCTCACAGCTG
CCTGCATCCCGGTGTACGTGTCTGAGATTGCTCCCCAGGCGTTCGTGGGGCTCTGGGGG
CCACACCCAGCTCATGGCAGTGTTCGGATCCCTGTCCCTCTACGCCCTTGGCCTCTGC
TGCCGTGGCGTGGCTGGCTGTGGCCGGGGAGGCGCCTGTGCTCATGATCCTGCTGC
TCAGTTCATGCCAACTCGCCGCGTTCCTGCTCTCTCGGGGACAGGACGAAGAGGCC
TGCGGGCGCTGGCTGGCTGCGTGGGACGACGTCGATGTCCACTGGGAGTTCGAGCAGA
TCCAGGACAACGTCGGGAGACAGAGCAGCCGAGTATCGTGGGCTGAGGCACGGGCCCCCC
ACGTGTGCCGGCCATCACCGTGGCCTTGTGATGCGCCTCTGCAGCAGCTGACGGGCA
TCACGCCCATCCTGGTCTACCTGCAGTCCATCTTCGACAGCACCCGCTGTCTGCTGCCCC
CCAAGGACGACGACGCCATCGTTGGGGCCGTGCGGCTCCTGTCCGTGCTGATCGCCGCC
TCACCATGGACCTCGCAGGCCGCAAGGTGCTGCTTTCGTCTCAGCGGCCATCATGTTTG
CTGCCAACCTGACTCTGGGGCTGTACATCCACTTTGGCCCCAGGCTCTGAGCCCCAACAA
GCACTGCGGGCCTGAAAAGCGAGTCTGGGGGACTTGGCGCAGCCCCTGGCAGCACCCG
CTGGCTACCTCACCTGGTGCCTGCTGGCCACCATGCTTTCATCATGGGCTACGCCG
TGGCTGGGGTCCCATCACCTGGTGTCTGCTGATGCTGAGGTCCTGCCCTGCGTCCCGTG
GGTGGCCTCAGGGCTCTGCGTGTGGCCAGCTGGCTCACCGCCTTCGTCTCACCAAGT
CCTTCTGCCAGTGGTGAGCACCTTCGGCTCCAGGTGCCTTTCTTCTTCTTCGCGGCA
TCTGCTTGGTGAAGCTGGTGTTCACAGGCTGCTGTGTGCCGAGACCAAGGGACGGTCCC
TGGAGCAGATCGAGTCTTCTTCGCACGGGGAGAAGGTCTTCTTGGCGTAGGTCAAGG
TCCCCGCTGGAGGGGGCAAACCCCAAGTGGCTGGGCTCTGTGTTGGCTACAAACCTG
CACCTGGGACCAAGAGGACAGTGCATCCCTGCCACCAGCCAGACAGGAAGAGCAG
TGTGATGGGGCTCAGCAGCGGGTGCCTGGCTCGGGACAGGTAGCACTGCTGTCCAGC
CACAGCCCAGCCAGGACAGCCACAGTGTGCACGTAGCCATGGGCCGAGGAGTGCAT
ACAACCTGCATCCAGGGACACGGCCCTGCTGGGTGACCTCAGGCCTAGTCCCTTCCCT
TGGCTGAAGGACACGCCCCACAGAAGGCTACGGGGAGGACTGAGAGGACAGGGCTGGAGG
CAGCCAAGTAACGTAGTCATATCATCGCGCTCTGATCTGGTGGCATCTGGCTGTGCAAGG
AAGACCCGGCTTGGCCCTACAAGTCTTATGGGCACCACAGGGAACATCTGGACTTAA
AAGCCAGGGCAGGCCGGGCACAGTGGCTCACGCCTGTAATCCCAGCACTTGGGAGGCCA
AAGCAGGTGGATTACCAAGGCCAGGAGTTCAAGACCAGCCTGGCCAACATGGTGAAC
CCGTCTCTACTAAAAAATACAAAAAAGCTGGGTGTGGTGGCACACACCCGTAGTCCAGC
TACTTGGGAGGCTGAGGCAGCATTGCTTGAACCCGGGAGGTGGAGGCTGCAATGAGCTGA
GATCATGCCATTGCACTCCAGCCTGGGCAACGAGAGTAAACTCCGTCCCACCCCTGC
CAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_017585 unedited NGAGTTGGATTTGTATACGACTCATATAGGGCGGCCGCGATTCCCGGNAATCGTCGACC CACGCGTCCGCTCCGCTCGCCCCGANAGAGACCCGGCCATGCAGGAGCCGCTGCTGGGA GCCGAGGGCCCGGACTACGACACCTTCCCCGAGAAGCCGCCCGTCGCCAGGGGACAGG GCGCGGGTCGGGACCCTGCAGAACAAAAGGGTGTCTCTGGCCACCTTCGCCGAGTGCTC GGCAATTTTCAGCTTTGGGTATGCCCTGGTCTACACATCCCCTGTATCCCAGCCCTGGAG CGCTCCTTGGATCCTGACCTGCATCTGACCAAATCCCAGGCATCCTGGTTTGGGTCCGTG TTCACCCTGGGAGCAGCGCCGGAGGCCTGAGTGCCATGATCCTCAACGACCTCCTGGGC CGGAAGCTGAGCATCATGTTCTCAGCTGTGCCGTGCGCGCCGGCTATGCGCTCATGGCG GGTGCGCACGGCCTCTGGATGCTGCTGCTCGGAAGGACGCTGACGGGCTTCGCCGGGGG CTCACAGTGCCTGCATCCCGGTGTACGTGTCTGAGATTGCTCCCCAGGCGTTCGTGGG GCTCTGGGGGCCACCCCAGCTCATGGCAGTGTTCGGATCCCTGTCCCTCTACGCCCTT GGCTCCTGCTGCCGTGGCGCTGGCTGGCTGTGGCCGGGAGGCGCCTGTGCTCATCATG ATCCTGCTGCTCAGCTTCATGCCAACTCGCCGCGCTTCCTGCTCTCTCGGGCAGGGAC GAAGAGGCCCTCGCGCCTGGCTGNCTGCGTGGGACGGACGTCNATGTCCACTGGGAG TTCGAGCAGATCCAGGACAACGTCCGGAGAACAGAGCAGCCGAGTATCGTGGGCTGAGGC ACGGGCC
Restriction Sites:	Please inquire
ACCN:	NM_017585
Insert Size:	2356 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_017585.2 , NP_060055.1
RefSeq Size:	2487 bp
RefSeq ORF:	1524 bp
Locus ID:	11182
UniProt ID:	Q9UGQ3
Cytogenetics:	9q34.2
Protein Families:	Transmembrane

Gene Summary:

Hexose transport into mammalian cells is catalyzed by a family of membrane proteins, including SLC2A6, that contain 12 transmembrane domains and a number of critical conserved residues.[supplied by OMIM, Jul 2002]

Transcript Variant: This variant (1) represents the predominant transcript, and encodes the longer isoform (1).