

Product datasheet for **SC319668**

SLC5A6 (NM_021095) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC5A6 (NM_021095) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC5A6
Synonyms:	NERIB; SMVT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_021095.1
GGAAAAGGGAGCGATGTTGATCTCAGGAAGCACAAAGGGACCTTCTAGCTCTGACTGAA
CCACGGAGCTCACCTGGACAGTATCACTCCGTGGAGGAAGACTGTGAGACTGTGGCTGG
AAGCCAGATTGTAGCCACACATCCGCCCTGCCCTACCCAGAGCCCTGGAGCAGCAACT
GGCTGCAGATCACAGACACAGTGAGGATATGAGTGTAGGGGTGAGCACCTCAGCCCCTCT
TTCCCCAACCTCGGGCACAAGCGTGGGCATGTCTACCTTCTCCATCATGGACTATGTGGT
GTTCCGCTGCTGCTGGTCTCTCTCTTGGCATTGGGCTCTACCATGCTTGTCTGGCTG
GGGCCGGCATACTGTTGGTGGAGCTGCTGATGGCGACCGCAAAATGGGCTGCCTTCGGT
GGCACTGTCCCTGCTGGCCACCTTCCAGTCAGCCGTGGCCATCCTGGGTGTGCCGTGAGA
GATCTACCGATTGGGACCCAATATTGGTTCCTGGGCTGCTGCTACTTTCTGGGCTGCT
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GTACCTGGAGCTTCGATTCAATAAAACTGTGCGAGTGTGTGAACTGTGACCTTCATCTT
TCAGATGGTGATCTACATGGGAGTTGTGCTCTATGCTCCGTCATTGGCTCTCAATGCAGT
GACTGGCTTTGATCTGTGGCTGTCGGTGTGGCCCTGGGCATTGTCTGTACCGTCTATAC
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CCTCGGGCAGCTGGCAGTTATCATCGTGGGGTCAGCCAAGGTGGCGGGCTTGGGGCGTGT
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TGTGCGGCACACCTTCTGGACCTTGGCCTTCGGGGGTGTCTTCATGATGCTCTCCTTATA
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TGGCCTGGTCATGTTCCGCTATTACCAGGAGTATCCCATGAGCATTACAGCAGGCTCAGGC
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GCCAGGCTCTTCACTTGCCTGCCTCTTCCAGCGGCTCTCTCAGCACTATATCCTCTGCTTT
TAATTCATTGGCAACTGTTACGATGGAAGACCTGATTGACCTTGGTTCCTGAGTTCTC
TGAAAGCCCGGCCATCATGCTTCCAGAGGCTTGCCTTGGCTATGGGCTGCTTTGTCT
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TGGCATGGTTGGGGGACCGCTGCTGGGACTCTTCTGCCTTGAATGTTCTTTCCATGTGC
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CATCGGGAGCATCGTGACCAGCATGGGCTCCAGCATGCCACCCTCTCCCTCAATGGGTC
CAGCTTCTCCCTGCCACCAATTAACCCTTGGCACTGTGACCACACTGATGCCCTTGAC
TACCTTCTCCAAGCCACAGGGCTGCAGCGGTTCTATTCTTGTCTTACTTATGGTACAG
TGCTCACAACTCCACCACAGTGATTGTGGTGGGCTGATTGTGCTACTACTCAGGGAG
AATGCGAGGCCGGTCCCTGAACCCTGCAACCATTTACCCAGTGTGCAAAGCTCCTGTC
CCTCCTCCGTTGCTCTGTGAGAAGCGGCTCCACTGCAGGAGCTACGGCCAGGACCCT
CGACACTGGCCTGTTTCTGAGAAGCCGAGGAATGGTGTGCTGGGGGACAGCAGAGACAA
GGAGGCCATGGCCCTGGATGGCAGGCCTATCAGGGGAGCAGCTCCACCTGCATCCTCCA
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AGCCAGAGGCCACCCTGTAGTACAGGGATGAGTCTTGGTGTGTTCTGCAGGGACAGGCC
GGATGATCTAGCTCATACCAAAGGACCTTGTTCGAGAGGTTCTTGCCTGCAGGAGAAGC
TGTACATCTCAAGCATGTGAGGCACCGTTTTTCTCGTCGCTTGCCAATCTGTTTTTAA
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GGAAAAAGATAATGGCTTCTGATTCAACATAGCCATAGTCCTTTGAAGTAAGTGGCTAGA
AACAGCACTCTGGTTATAATTGCCCCAGGGCCTGATTCAGGACTGACTCTCCACCATAAA
ACTGGAAGCTGCTTCCCCTGTAGTCCCCATTTTCAGTACCAGTTCTGCCAGCCACAGTGAG
CCCCTATTACTTTTCCAGATTGTCTGTGACACTCAAGCCCTCTCATTTTTATCTGTCT
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ATGGACACTTAAGAGACGGGGCAAAATGTGGATCCAAGAAACCAGGGCCATGACCAGGTCC
ACTGTGGAGCAGCCATCTATTTACCTGACTCCTGAGCCAGGCTGCCGTGGTGTCAATTTCT
GTCATCCGTGCTCTGTTTCTTTTGGAGTTTTCTTCCACATTATCTTTGTTCTCTGGGA
ATAAAAACTACCATTGGACCTAGAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:	Please inquire
ACCN:	NM_021095
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_021095.1</u> , <u>NP_066918.1</u>
RefSeq Size:	3162 bp
RefSeq ORF:	1908 bp
Locus ID:	8884
UniProt ID:	<u>Q9Y289</u>
Cytogenetics:	2p23.3
Domains:	SSF
Protein Families:	Transmembrane
Gene Summary:	Transports pantothenate, biotin and lipoate in the presence of sodium.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the functional protein.