

Product datasheet for **SC306592**

SLC16A11 (NM_153357) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC16A11 (NM_153357) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC16A11
Synonyms:	MCT 11; MCT11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_153357 edited

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GCCAGAGGCTGGATCTCAGGGATGCCAGCTCCCCAGCGAAGCACAGGCGTGAGGCTTC
TCTCACAGATGTTTCCCCACCCCGCAGACGGCGATGACCCCCAGCCCGCCGACCCCG
GATGGGGGCTGGGCTGGGTGGTGGCGGCCGAGCCTTCGCGATAAACGGGCTGTCTAC
GGGCTGCTGCGCTCGCTGGGCCTTGCCCTTCCCTGACCTTGCCGAGCACTTGACCGAAGC
GCCCAGGACACTGCGTGGATCAGCGCCCTGGCCCTGGCCGTGACGACAGGACAGCCAGCCCC
GTGGGACAGCGCCCTGAGCACGCGCTGGGGGGCCCGCCCGTGGTGATGGTTGGGGCGTC
CTCGCCTCGTGGGCTTCGTCTTCTCGGCTTTCGCCAGCGATCTGCTGCATCTCTACCTC
GGCCTGGGCTCCTCGTGGCTTTGGTTGGGCCCTGGTGTTCGCCCCGCCCTAGGCACC
CTCTCGCGTTACTTCTCCCGCCGTCGAGTCTTGCGGTGGGGCTGGCGCTCACCGGCAAC
GGGGCCTCCTCGTGTCTCTGGCGCCCGCCTTGACGCTTCTTCTCGATACTTTCGGCTGG
CGGGGCGCTCTGCTCCTCCTCGGCGCGATCACCTCCACCTACCCCTGTGGCGCCCTG
CTGCTACCCCTGGTCCTTCTGAGACCCCCAGCCCCACCGCGTAGTCCCTAGCTGCC
CTCGGCCCTGAGTCTGTTACACGCCGGGCTTCTCAATCTTTGCTCTAGGCACAGCCCTG
GTTGGGGCGGGTACTTCGTTCTTACGTGCACTTGGCTCCCCACGCTTTAGACCGGGGC
CTGGGGGGATACGGAGCAGCGCTGGTGGTGGCCGTGGCTGCGATGGGGGATGCGGGCGCC
CGGCTGGTCTGCGGGTGGCTGGCAGACCAAGGCTGGGTGCCCCCTCCCGCGGCTGCTGGCC
GTATTCGGGGCTCTGACTGGGCTGGGGCTGTGGTGGTGGGGCTGGTGGCCGTGGTGGGC
GGCGAAGAGAGCTGGGGGGTCCCCTGCTGGCCGCGCTGTGGCCTATGGGCTGAGCGCG
GGGAGTTACGCCCGCTGGTTTTTCGGTGTACTCCCCGGGCTGGTGGGCGTCGGAGGTGTG
GTGCAGGCCACAGGGCTGGTGATGCTGATGAGCCTCGGGGGGCTCCTGGGCCCTCCC
CTGTCAAGGCTTCTAAGGGATGAGACAGGAGACTTCACCGCCTCTTCTCCTGTCTGGT
TCTTTGATCCTCTCCGGCAGCTTCATCTACATAGGGTTGCCAGGGCGCTGCCCTCCTGT
GGTCCAGCCTCCCTCCAGCCACGCTCCCCAGAGACGGGGGAGCTGCTTCCGCTCCC
CAGGCAGTCTTGCTGTCCCCAGGAGGCCCTGGCTCCACTCTGGACACCACTTGTTGATTA
TTTTCTTGTTGAGCCCCCTCCCC
  
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Restriction Sites:	Please inquire
ACCN:	NM_153357
Insert Size:	1500 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_153357.1.
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:	NM_153357.1 , NP_699188.1
RefSeq Size:	1803 bp
RefSeq ORF:	1416 bp
Locus ID:	162515
UniProt ID:	Q8NCK7
Cytogenetics:	17p13.1
Protein Families:	Transmembrane
Gene Summary:	Proton-linked monocarboxylate transporter. It catalyzes the transport of pyruvate across the plasma membrane (PubMed:28666119). Probably involved in hepatic lipid metabolism: overexpression results in an increase of triacylglycerol(TAG) levels, small increases in intracellular diacylglycerols and decreases in lysophosphatidylcholine, cholesterol ester and sphingomyelin lipids (PubMed:24390345).[UniProtKB/Swiss-Prot Function]