

Product datasheet for **SC202122**

SLC27A5 (NM_012254) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLC27A5 (NM_012254) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SLC27A5
Synonyms:	ACSB; ACSVL6; BACS; BAL; FACVL3; FATP-5; FATP5; VLACSR; VLCS-H2; VLCSH2
ACCN:	NM_012254
Insert Size:	212 bp
Insert Sequence:	>SC202122 3'UTR clone of NM_012254 The sequence shown below is from the reference sequence of NM_012254. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCTGTGTGTGAGGGAACCTGGAGGCTCTGATCACCTGGCCAACCCACTGGGGTAGGGATCAAAGCCAGC CACCCCAACCCCAACACTCGGTGTCCCTTTCATCCTGGGCCTGTGTGAATCCCAGCCTGGCCATACC CTCAACCTCAGTGGGCTGAAATGACAGTGGGCCCTGTAGCAGTGGCAGAATAAACTCAGATGTGTTCA CAGAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_012254.3



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Summary: The protein encoded by this gene is an isozyme of very long-chain acyl-CoA synthetase (VLCS). It is capable of activating very long-chain fatty-acids containing 24- and 26-carbons. It is expressed in liver and associated with endoplasmic reticulum but not with peroxisomes. Its primary role is in fatty acid elongation or complex lipid synthesis rather than in degradation. This gene has a mouse ortholog. [provided by RefSeq, Jul 2008]

Locus ID: 10998

MW: 7.2