

Product datasheet for **SC302025**

SLC27A6 (NM_001017372) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC27A6 (NM_001017372) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC27A6
Synonyms:	ACSVL2; FACVL2; FATP6; VLCS-H1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

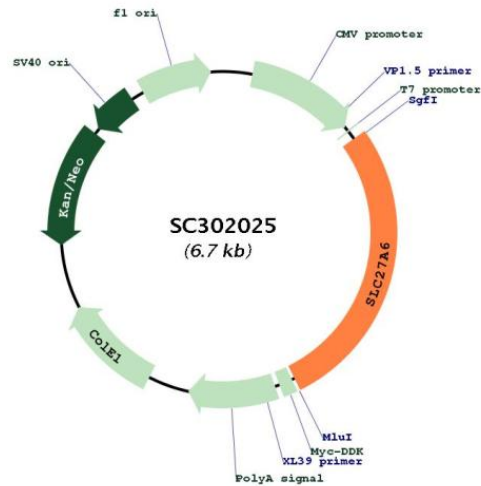


[View online »](#)

Fully Sequenced ORF: >SC302025 representing NM_001017372.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGCTTCTGTCTATGGCTAACAGTCTAGGGCTGGAATGGTCTGCTGCACTTCTTGCAGAACTCCTG
TTCCCTTACTTTTGGGATGACTTCTGGTTCGTGTTGAAGTGGTGCCTCATTATAATTCGGCTGAAGAAG
TATGAAAAGAGAGGGGAGCTGGTACTGTGCTGGATAAATTCTTGAGTCATGCCAAAAGACAACCTCGG
AAACCTTTCATCATCTATGAGGGAGACATCTACACCTATCAGGATGTAGACAAAAGGAGCAGCAGAGTG
GCCCATGTCTTCTGAACCATTCCTCTCTGAAAAAGGGGACACGGTGGCTCTGCTGATGAGCAATGAG
CCGGACTTCGTTACGTGTGGTTCGGCCTCGCAAGCTGGGCTGCGTGGTGGCCTTTCTCAACCAAC
ATTCGCTCCAACCCCTCTGAATTGCATCCGCGCCTGTGGGCCAGAGCCCTAGTGGTGGGCGCAGAT
TTGCTTGAACCGGTAGAAGAAATCCTTCCAAGCCTCTCAGAAAATATCAGTGTGGGGGATGAAAGAT
TCTGTTCCACAAGGTGTAATTTCACTCAAAGAAAAGTACTGACACCTCACCTGATGAGCCCGTCCACGC
AGCCACCATGTTGTCTCACTCCTCAAGTCTACTGTCTTTACATTTTACCTCTGGAACAACAGGTCTA
CCAAAAGCAGCTGTGATTAGTCAGCTGCAGTTTTAAGGGTTCTGCTGTCTGTGGGCTTTTGGTGTG
ACTGCTCATGACATTGTTTATATAACCCCTCTCTGTATCATAGTTCAGCAGCTATCCTGGGAATTTCT
GGATGTGTTGAGTTGGTGCCACTTGTGTGTTAAAGAAGAAATTTTTCAGCAAGCCAGTTTTGGAGTGAC
TGCAAGAAGTATGATGTGACTGTGTTTCAAGTATATTGGAGAATTTGTCGCTACCTTTGCAACAATCT
AAGAGAGAAGGAGAAAAGGATCATAAGGTGCGTTTTGGCAATGGAAATGGCATACGGAGTGATGTATGG
AGAGAATTTTACAGATTTGGAAATATAAAGGTGTGTAACCTTATGCAGCTACCGAATCAAGCATA
TCTTTTCACTGAACCTACACTGGGAGAATTGGAGCAATGGGAGAACAATTTGTTTTACAACTTCTTTCC
ACTTTTACTTAATAAAGTATGACTTTTCAGAAAGATGAACCCATGAGAAATGAGCAGGTTGGTGTATT
CATGTGAAAAAGGAGAACCTGGACTTCTCATTCTCGAGTGAATGCAAAAAATCCCTTCTTTGGCTAT
GCTGGGCCTTATAAGCACACAAAAGACAATTTGCTTTGTGATGTTTTTAAAGAGGAGATGTTTACCTT
AATACTGGAGACTTAATAGTCCAGGATCAGGACAATTTCTTTATTTTTGGGACCGTACTGGAGACT
TTCAGATGGAAAGGAGAAAATGTCGCAACCACTGAGGTTGCTGATGTTATTGGAATGTTGGATTTTATA
CAGGAAGCAAACGTCTATGGTGTGGCTATATCAGGTTATGAAGGAAGAGCAGGAATGGCTTCTATTATT
TTAAAACCAAATACATCTTTAGATTTGGAAAAAGTTTATGAACAAGTTGTAACATTTCTACCAGCTTAT
GCTTGTCCACGATTTTTAAGAATTCAGGAAAAATGGAAGCAACAGGAACATTCAAATTTGAAGCAT
CAGTTGGTGAAGATGGATTTAATCCACTGAAAAATTTCTGAACCACTTTACTTTCATGATAACTTGAAA
AAGTCTTATGTTCTACTGACCAGGAACTTTATGATCAAATAATGTTAGGGGAAATAAAACCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001017372

Insert Size: 1860 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: 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:

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_001017372.2](#)

RefSeq Size: 3231 bp

RefSeq ORF: 1860 bp

Locus ID: 28965

UniProt ID: [Q9Y2P4](#)

Cytogenetics: 5q23.3

Protein Pathways: PPAR signaling pathway

MW: 70.1 kDa

Gene Summary: This gene encodes a member of the fatty acid transport protein family (FATP). FATPs are involved in the uptake of long-chain fatty acids and have unique expression patterns. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (2) has an additional segment in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.