

Product datasheet for **SC126473**

Elongation of very long chain fatty acids protein 3 (ELOVL3) (NM_152310) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elongation of very long chain fatty acids protein 3 (ELOVL3) (NM_152310) Human Untagged Clone
Tag:	Tag Free
Symbol:	Elongation of very long chain fatty acids protein 3
Synonyms:	CIG-30; CIG30
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_152310 edited

```
CGCCGCCGCGCACATGCCTAGGTTGACGCCCTCCTCCCTTTGCCAGGAGTTCCTTCTG
TCCCGGCTCTGTTCCGTCTCGCCCGAGGTTACGCCATCCTCGGAGCCCAGCCTTCA
CCCAGCGCTCCAAGCTTTGGACCTTGACTTCTGCAAACTAGATGGTCACAGCCATGAA
TGTCTCACATGAAGTAAATCAGCTGTTCCAGCCCTATAACTTCGAGCTGTCCAAGGACAT
GAGGCCCTTTTTCGAGGAGTATTGGGCAACCTCATTCCCATAGCCCTGATCTACCTGGT
TCTCATCGCTGTGGGGCAGAAGTACATGAAGGAACGCAAGGGCTTCAACCTGCAAGGGCC
TCTCATCTCTGGTCTTCTGCCTTGAATCTTCAGTATCCTGGGGCAGTGAGGATGTG
GGGCATTATGGGGACTGTGCTACTTACCGGGGCCTAAAGCAAACCGTGTGCTTCATCAA
CTTCATCGATAATTCCACAGTCAAATCTGGTCTGGGTCTTCTTCTCAGCAAGGTCAT
AGAACTCGGAGACACAGCCTTCATCCTGCGTAAGCGGCCACTCATCTTTATTCAGTGT
GTACCACCACAGCACAGTGTCTCGTGTACACAAGCTTTGGATACAAGAACAAGTGCCTGC
AGGAGGCTGGTTCGTACCATGAACTTTGGTGTTTCATGCCATCATGTACACCTACTACAC
TCTGAAGGCTGCCAACGTGAAGCCCCAAGATGCTGCCCATGCTCATCACCAGCCTGCA
GATCTTGAGATGTTTGTAGGAGCCATCGTCAGCATCCTCACGTACATCTGGAGGAGGA
TCAGGGATGCCACACCAGATGGAACACTTATTCTGGTCTTCATCTTGATATGACCTA
TTTCATCTCTTTGCCACTTCTTCTGCCAGACCTACATCAGGCCAAGGTCAAAGCCAA
GACCAAGAGCCAGTGAAGGTTTGGAGAGAACAATGAAGTCCAGGCTCTCTTTCCAG
GGCACCAGAGGCTGGGCTTAGTTTTGGGAGAATGATTAGTTGCCTTACCTGCATGGTT
TCCCCAGAGGATGTGTGCCCAAGGTGGCTGGAATTTTTGACAGACAAGAAGGGTACCT
TGGGATGGGGGTGGTCTGTTACTTTAATGTTTCTGTTTTAATGTGAAGGCCAAGCAG
GCCCTGGGATGGGAGTGGGGCGGAGGGTCTAAGAGCTGATTATTTAATTTCTATCC
AGAAATCTTTCTTCTTCTGCTGTGTTTTTAAATTAAGATTTCAACAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
```



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152310 unedited AGGTTTACCATTGTGCATACGACTTACTATAGGCGGCCGCGTAATCCCAGGATCGCCGCC GCGCACATGCCTAGGTTGACGCGCCTCCTCCCTTTGCCAGGAGTTCTTCTGTCCCGGC TCTGTTCCGTCTCGCCCCGAGGTTACGCCATCCTCGGAGCCCCAGCCTTTCACCCAGCG CCTCCAAGCTTTGGACCTTGACTTCTGCAAACTAGATGGTCACAGCCATGAATGTCTCA CATGAAGTAAATCAGCTGTTCCAGCCCTATAACTTCGAGCTGTCCAAGGACATGAGGCC TTTTTCGAGGAGTATTGGCAACCTCATTCCCCATAGCCCTGATCTACCTGGTTCTCATC GCTGTGGGGCAGAATAACATGAAGGAACGCAAGGGCTTCAACCTGCAAGGCCTCTCATC CTCTGGTCTTCTGCCTTCAATCTTCAGTATCCTGGGGCAGTGAAGATGTGGGGCATT ATGGGGACTGTGCTACTTACCGGGGCCTAAAGCAAACCGTGTGCTTCATCAACTTCATC GATAATCCACAGTCAAATTCTGGTCTGGGTCTTTCTTCTCAGCAAGGTATAGAACTC GGAGACACAGCCTTCATCATCCTGCGTAAGCGGCCACTCATCTTATTACTGTTACCAC CACAGCACAGTGTCTGTACACAAGCTTTGGATACCAGAACCAAGTGCCTGCANGAGGC TGGTTCGTCAACCTTGGTGTGCATGCCATCATGTACACCTACTACTCTGAAG GCTGCCAAGTGAAGCCCCCAAGATGCTGCCATGCTCATCACCAGCCTGCAAATCTGC ANATGTTTGTAGGAGCCATCGTTAGCATCTACGTACATCTGGAGGGCAGGATCGGGATG CCCCACCCGATGGAACACTTATCTGGTCTT
Restriction Sites:	Please inquire
ACCN:	NM_152310
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:	<u>NM_152310.1</u> , <u>NP_689523.1</u>
RefSeq Size:	1347 bp
RefSeq ORF:	813 bp
Locus ID:	83401
UniProt ID:	<u>Q9HB03</u>
Cytogenetics:	10q24.32
Protein Families:	Transmembrane

Gene Summary:

This gene encodes a protein that belongs to the GNS1/SUR4 family. Members of this family play a role in elongation of long chain fatty acids to provide precursors for synthesis of sphingolipids and ceramides. [provided by RefSeq, Jul 2013]