

Product datasheet for **SC216373**

ELOVL5 (NM_021814) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ELOVL5 (NM_021814) Human 3' UTR Clone
Symbol:	ELOVL5
Synonyms:	dj483K16.1; HELO1; SCA38
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_021814
Insert Size:	1753 bp



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Insert Sequence: >SC216373 3'UTR clone of NM_021814
 The sequence shown below is from the reference sequence of NM_021814. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGAAGCCAAGGAAGCTGCGGAAGGATGAAGTCAAAGAATTGAAACCCTCAAACCACGTCATCTGAT
TGTAAGCACAATATGAGTTGTGCCCAATGCTCGTTAACAGCTGCTGTAAGTCTGGCCTACAATAG
TGTGATTCATGTAGGACTTCTTTCATCAATTCAAAACCCCTAGAAAACGTATACAGATTATATAAGTAG
GGATAAGATTTCTAACATTTCTGGGCTCTGACCCCTGCGCTAGACTGTGAAAGGGAGTATTATTAT
AGTATACAACACTGCTGTTGCCTTATTAGTTATAACATGATAGGTGCTGAATTGTGATTCACAATTTAA
AAACACTGTAATCCAACATTTTTTTTTTAACTGTAGATCATGCATGTGATTGTAATGTAATTTGTAC
AATGTTGTTATGGTAGAGAAACACACATGCCTTAAAATTTAAAAAGCAGGGCCCAAAGCTTATTAGTTT
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TTTATGAAACTAATGTGACATAATTTCCAGTGACTTGTGATGTGAAATCAGACACGGCACCTTCAGTT
TTGTAATTTGGCTTTGAATCAAGCAGGCTCAAATCTAGTGGAACAGTCAGTTTAACTTTTTAACAGAT
CTTATTTTTTTATTTGAGTGCCACTATTAATGTAAGGAGGGGGGGCTCTACAGCAGTCGTGATGAAA
CTTAAATATATATTTCTTGTCCCTCGAGATTTAGGAAGGGTGTAGGGTGAGTAGGCCATTTTTAATTTT
TGAAGTGCTAAGTGTATATACAGCAAAACAAAAGTCAATTTTCTTTCCACAGTGCGAGAGAGGAT
GTATACTTTTCAAGAGAGATGATTGCCTATTTACCGTTTGACAGAGTCCCGTAGATGAGCAATGGGGAA
CTGGTTGCCAGGGTCTAAATTTGGATTGATTTATGCACTGTTATCTGTTTGGACACAGATTTCCCTGTA
AAATGTGCCTAGTTTACCAAAATTAACAAAGGGGGGAAAGACCTTAGAACTTTTTAAGGTAATAATCA
AATATAGCTACAGCATAAGAGAATCGAGAAATTTGATAGAGGTAACCTGTTTAAATGTAATCTAATAGT
ACTTGTAAATTTCTTCTGCTTAGAATCTAAAGATGTGTTTAGAACCTCTGTTTAAAAAATATAGACTG
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TTTTAAAGTGTCGGAATTTAGCCTCTGAATACCTTCTCCATTGGGGGAAAGATATTTTGGAAACCACTC
ATGACATATCTTAGAAGGTCATTGACAATGTATAAACTAATTTGTTGGTTTATGTAATATCA
GTTTACCATGCTTAATTTTGCACATTCGTAATAGGGAGCCTATTGGTTCTCTATTAGTCTTGTGGG
TTTTCTGTTTAAAAGGAGTCATGGCATCTGTTTACATTTACCTTATCAAACCTAGAATGTGTATATTT
ATAAATGTATGTCTTATTGCTAGTACTAATTTGCAGATGCTTTACATATTTCAATACAGAACTAT
AACATTC AATAGTGTGCTGTCAAAGTGTGCTTAGCTCACCTGGATATACCTACATTGTTAAATGTCTAA
ACAGTAATCATTAAAACATTTTTGATTA
ACGCGTAAAGCGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCCGCCCTTCTATGAAAGG
  
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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_021814.5](#)

Summary: This gene belongs to the ELO family. It is highly expressed in the adrenal gland and testis, and encodes a multi-pass membrane protein that is localized in the endoplasmic reticulum. This protein is involved in the elongation of long-chain polyunsaturated fatty acids. Mutations in this gene have been associated with spinocerebellar ataxia-38 (SCA38). Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2014]

Locus ID: 60481

MW: 67.6