

Product datasheet for RC201703

ELOVL6 (NM_024090) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ELOVL6 (NM_024090) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ELOVL6
Synonyms:	FACE; FAE; LCE
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC201703 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACATGTCAGTGTTGACTTTACAAGAATATGAATTCGAAAAGCAGTTCAACGAGAATGAAGCCATCC
AATGGATGCAGGAAAACCTGGAAGAAATCTTCTGTTTTCTGCTCTGTATGCTGCCTTTATATTCGGTGG
TCGGCACCTAATGAATAAACGAGCAAAGTTTGAAGTGGGAAGCCATTAGTCTCTGGTCTCTGACCCTT
GCAGTCTTCAGTATATTCGGTCTCTTCAACTGGTCTTATATGGTGTACATTTTGATGACCAAAGGCC
TGAAGCAGTCAGTTTGTGACCAGGTTTTTACAATGGACCTGTCAGCAAATCTGGGCTTATGCATTTGT
GCTAAGCAAAGCACCCGAAGTACAGGATACAATATTCATTATTCTGAGGAAGCAGAAGCTGATCTTCCTG
CACTGGTATCACACATCACTGTCTCCTGACTCTTGGTACTCTACAAAGACATGGTTGCCGGGGGAG
GTTGGTTCATGACTATGAACTATGGCGTGCACGCCGTGATGACTCTTACTATGCCTTGCCGGCGGCAGG
TTTCCGAGTCTCCCGAAGTTTGCCATGTTTCATCACCTTGTCCAGATCACTCAGATGCTGATGGCTGT
GTGGTTAACTACCTGGTCTTCTGCTGGATGCAGCATGACCAGTGTCACTCTCACTTTCAGAACATCTTCT
GGTCTCACTCATGTACCTCAGTACCTGTGCTCTTCTGCCATTTCTTCTTTGAGGCCTACATCGGCAA
AATGAGGAAAACAACGAAAGCTGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_024090.3](#)

RefSeq Size: 3392 bp

RefSeq ORF: 798 bp

Locus ID: 79071

UniProt ID: [Q9H5J4](#)

Cytogenetics: 4q25

Domains: ELO

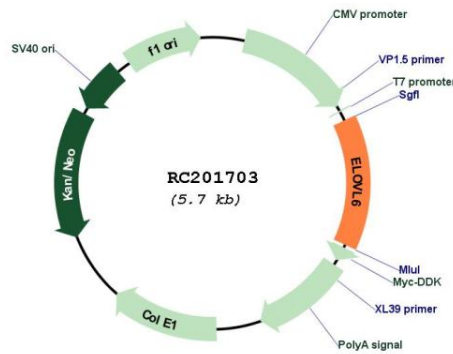
Protein Families: Transmembrane

Protein Pathways: Biosynthesis of unsaturated fatty acids

MW: 31.4 kDa

Gene Summary: Fatty acid elongases (EC 6.2.1.3), such as ELOVL6, use malonyl-CoA as a 2-carbon donor in the first and rate-limiting step of fatty acid elongation (Moon et al., 2001 [PubMed 11567032]). [supplied by OMIM, Mar 2008]

Product images:



Circular map for RC201703