

Product datasheet for **RC201703L4V**

ELOVL6 (NM_024090) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ELOVL6 (NM_024090) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ELOVL6
Synonyms:	FACE; FAE; LCE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024090
ORF Size:	795 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201703).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_024090.1
RefSeq Size:	3392 bp
RefSeq ORF:	798 bp
Locus ID:	79071
UniProt ID:	Q9H5J4
Cytogenetics:	4q25
Domains:	ELO
Protein Families:	Transmembrane



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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]