



Human ELOVL6 peptide (DAG-P0463)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Specificity	Ubiquitous.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the ELO family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	ELOVL6 ELOVL fatty acid elongase 6 [Homo sapiens (human)]
Official Symbol	ELOVL6
Synonyms	ELOVL6; ELOVL fatty acid elongase 6; FAE; LCE; FACE; elongation of very long chain fatty acids protein 6; hELO2; ELOVL FA elongase 6; fatty acid elongase 2; fatty acyl-CoA elongase; long-chain fatty-acyl elongase; 3-keto acyl-CoA synthase ELOVL6; very-long-chain 3-oxoacyl-CoA synthase 6; ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast);

Entrez Gene ID	79071
mRNA Refseq	NM_001130721.1
Protein Refseq	NP_001124193.1
UniProt ID	Q9H5J4
Chromosome Location	4q25
Pathway	Activation of Gene Expression by SREBP (SREBF), organism-specific biosystem; Biosynthesis of unsaturated fatty acids, organism-specific biosystem; Biosynthesis of unsaturated fatty acids, conserved biosystem; Fatty Acyl-CoA Biosynthesis, organism-specific biosystem; Fatty acid biosynthesis, elongation, endoplasmic reticulum, organism-specific biosystem; Fatty acid biosynthesis, elongation, endoplasmic reticulum, conserved biosystem; Fatty acid elongation, organism-specific biosystem; Fatty acid
Function	protein binding; transferase activity, transferring acyl groups other than amino-acyl groups;