



# Human ELOVL6 blocking peptide (CDBP1115)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking peptide for anti-ELOVL6 antibody
<b>Antigen Description</b>	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]).
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS containing 0.02% sodium azide
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C, stable for one year.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ELOVL6 ELOVL fatty acid elongase 6 [ Homo sapiens ]</a>
<b>Official Symbol</b>	ELOVL6
<b>Synonyms</b>	ELOVL6; ELOVL fatty acid elongase 6; ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3 like, yeast); elongation of very long chain fatty acids protein 6; FLJ23378; LCE; MGC5487; hELO2; ELOVL FA elongase 6; fatty acid elongase 2; fatty acyl-

CoA elongase; long-chain fatty-acyl elongase; 3-keto acyl-CoA synthase ELOVL6; ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast); FAE; FACE;

Entrez Gene ID	<a href="#">79071</a>
mRNA Refseq	<a href="#">NM_001130721</a>
Protein Refseq	<a href="#">NP_001124193</a>
UniProt ID	Q9H5J4
Chromosome Location	4q25
Pathway	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 elongation, conserved biosystem;
Function	fatty acid elongase activity; protein binding; transferase activity; transferase activity, transferring acyl groups other than amino-acyl groups;