

## Recombinant Full Length Human ELOVL7 Protein

**Cat. No.** ELOVL7-4225HF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Human ELOVL7 full-length ORF (ADR83129.1) recombinant protein without tag.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | In Vitro Cell Free System  |
| <b>ProteinLength</b>    | 530 amino acids  |
| <b>Description</b>      | ELOVL7 (ELOVL Fatty Acid Elongase 7) is a Protein Coding gene. Among its related pathways are Fatty acid elongation and Fatty Acyl-CoA Biosynthesis. GO annotations related to this gene include transferase activity. An important paralog of this gene is ELOVL1.                                    |
| <b>Form</b>             | Liquid   |
| <b>Molecular Mass</b>   | 31 kDa   |
| <b>AA Sequence</b>      | MAFSDLTSRTVHLYDNWIKDADPRVEDWLLMSSPLPQTILLGFYVYFVTSLGPKLME<br>NRKPFELKKAMITYNFFIVLFSVYMCYEFVMSGWGIGYSFRCDIVDYSRSPTALRMA<br>RTCWLYYFSKFIELLDTIFFVLRKKNQVTFHVFHHTIMPWTWWFGVKFAAGGLGT<br>FHALLNTAVHVMYSYYGLSALGPAYQKYLWWKKYLTSLQLVQFVIVAIHISQFFFME<br>DCKYQFPVFACIIMSYSFMFLLLFLHFWYRAYTKGQRLPKTVKNGTCKNKDN |
| <b>Applications</b>     | Antibody Production<br>Functional Study  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Compound Screening**

|                       |  |
|-----------------------|--|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 25 mM Tris-HCl of pH 8.0 containing 2% glycerol.                         |

**GENE INFORMATION**

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | <a href="#">ELOVL7 ELOVL fatty acid elongase 7 [ Homo sapiens ]</a>   |
| <b>Official Symbol</b> | <a href="#">ELOVL7</a>  |
| <b>Synonyms</b>        | ELOVL7; ELOVL fatty acid elongase 7; ELOVL family member 7, elongation of long chain fatty acids (yeast); elongation of very long chain fatty acids protein 7; FLJ23563; ELOVL FA elongase 7; 3-keto acyl-CoA synthase ELOVL7; ELOVL family member 7, elongation of long chain fatty acids; |
| <b>Gene ID</b>         | <a href="#">79993</a>   |
| <b>mRNA Refseq</b>     | <a href="#">NM_001104558</a>  |
| <b>Protein Refseq</b>  | <a href="#">NP_001098028</a>  |
| <b>MIM</b>             | <a href="#">614451</a>  |
| <b>UniProt ID</b>      | <a href="#">A1L3X0</a>  |

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