# Recombinant Human ELOVL1 Protein, His-tagged, BSA Conjugated

**Cat. No.** ELOVL1-2806H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | BSA Conjugated Recombinant Human ELOVL1 Protein (Phe250-Lys277) fused with a N-His tag. |
| **Species** | Human |
| **Source** | Protein Conjugation |
| **ProteinLength** | Phe250-Lys277 |
| **Description** | Enables fatty acid elongase activity. Involved in fatty acid biosynthetic process and sphingolipid biosynthetic process. Located in endoplasmic reticulum. |
| **Form** | Freeze-dried powder |
| **Purity** | > 90% |
| **Applications** | Immunogen; SDS-PAGE; WB. |
| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and |

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| | store at -80 centigrade for 12 months. |
| **Storage Buffer** | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| **Reconstitution** | Reconstitute in PBS or others. |
| **Conjugation** | BSA |

## GENE INFORMATION

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| **Gene Name** | ELOVL1 ELOVL fatty acid elongase 1 [ Homo sapiens ] |
| **Official Symbol** | ELOVL1 |
| **Synonyms** | ELOVL1; ELOVL fatty acid elongase 1; elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast) like 1; elongation of very long chain fatty acids protein 1; Ssc1; ELOVL FA elongase 1; 3-keto acyl-CoA synthase ELOVL1; elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 1; CGI-88; |
| **Gene ID** | 64834 |
| **mRNA Refseq** | NM_001256399 |
| **Protein Refseq** | NP_001243328 |
| **MIM** | 611813 |
| **UniProt ID** | Q9BW60 |

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