

## Recombinant Human DLAT protein, GST-tagged

**Cat. No.** DLAT-30191H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DLAT (1-322 aa) protein, fused to GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | Met1-Thr322                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.                                                                                                               |
| <b>AA Sequence</b>      | MWRVCARRAQNVPWAGLEARWTALQEVPGTTPRVTSRSGPAPARRNSVTTGYGG<br>VRALCGWTPSSGATPRNRLLLQLLGSPGRRYYSLPPHQKVPLPSLSPTMQAGTIAR<br>WEKKEGDKINEGDLIAEVETDKATVGFESLEECYMAKILVAEGTRDVPIGAIICITVGK<br>PEDIEAFKNYTLDSAAPTPQAAPAPTPAATASPPTPSAQAPGSSYPHMQVLLPAL<br>SPTMTMGTVQRWEKKVGEKLSEGDLLAEIETDKATIGFEVQEEGYLAKILVPEGTRD<br>VPLGTPLCIIVEKEADISAFADYRPTEVTDLKPQVPPPT |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                             |
| <b>Stability</b>        | Store for up to 12 months at -20°C to -80°C as lyophilized powder.                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).                                                                                                                                                                                                                                                                                                  |

 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

Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

## GENE INFORMATION

**Gene Name** [DLAT dihydrolipoamide S-acetyltransferase \[ Homo sapiens \]](#)

**Official Symbol** [DLAT](#)

**Synonyms**

DLAT; dihydrolipoamide S-acetyltransferase; DLTA; dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial; E2 component of pyruvate dehydrogenase complex; PDC E2; PBC; M2 antigen complex 70 kDa subunit; pyruvate dehydrogenase complex component E2; 70 kDa mitochondrial autoantigen of primary biliary cirrhosis; dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex; dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex mitochondrial; PDCE2; PDC-E2;

**Gene ID** [1737](#)

**mRNA Refseq** [NM\\_001931](#)

**Protein Refseq** [NP\\_001922](#)

**MIM** [608770](#)

**UniProt ID** [P10515](#)

 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