

Recombinant Human DLAT protein, His-tagged

Cat. No. DLAT-1279H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DLAT protein(NP_001922.2)(Ser87-Leu647), fused with His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Ser87-Leu647
Form	Lyophilized from sterile 20 mM Tris, 200 mM NaCl, pH 7.5, 10 % glycerol, 0.5 mM TCEP. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human DLAT consists of 581 amino acids and predicts a molecular mass of 62.1 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

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