

Recombinant Human DLAT protein, His-tagged

Cat. No. DLAT-6743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DLAT protein(325-647 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	325-647 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol	DLAT
Synonyms	DLAT; dihydrolipoamide S-acetyltransferase; DLTA; dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial; E2

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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](#)

SDS-PAGE



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