

## Recombinant Human DLST protein(Asp68-Leu453), His-tagged

**Cat. No.** DLST-1032H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DLST (NP_001924.2) (Asp68-Leu453) was expressed in Insect Cells with a polyhistidine tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Asp68-Leu453
<b>Form</b>	Lyophilized from sterile 20 mM Tris, 300 mM NaCl, pH 7.5, 10 % glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human DLST consists of 406 amino acids and predicts a molecular mass of 43.9 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE.
<b>Storage</b>	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.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	DLST dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex) [ Homo sapiens ]
<b>Official Symbol</b>	DLST
<b>Synonyms</b>	DLST; dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex); DLTS; dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial; E2K; OGDC-E2;
<b>Gene ID</b>	1743
<b>mRNA Refseq</b>	NM_001244883
<b>Protein Refseq</b>	NP_001231812
<b>MIM</b>	126063
<b>UniProt ID</b>	P36957

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