

Recombinant Human DLST Protein, His-tagged

Cat. No. DLST-1350H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DLST Protein (Asp68-Leu453) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp68-Leu453
Description	This gene encodes a mitochondrial protein that belongs to the 2-oxoacid dehydrogenase family. This protein is one of the three components (the E2 component) of the 2-oxoglutarate dehydrogenase complex that catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO ₂ . Alternatively spliced transcript variants have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 45.1 kDa Accurate Molecular Mass: 55 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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 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.

GENE INFORMATION

Gene Name

DLST dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex) [Homo sapiens (human)]

Official Symbol

DLST

Synonyms

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;

Gene ID

1743

mRNA Refseq

NM_001244883

Protein Refseq

NP_001231812

MIM

126063

UniProt ID

P36957

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