

Recombinant Human DLST protein, His-tagged

Cat. No. DLST-897H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DLST protein(212-366 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	212-366 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	EPGAGKGLRSEHREKMNRMQRQAQRLKEAQNTCAMLTTFNEIDMSNIQEMRARH KEAFLKKHNLKLGFM SAFVKASAFALQE QPVVNAVIDDTTKEVVYRDYIDISVAVATP RGLVVPVIRNVEAMNFADIERTITELGEKARKNELAIEDMDG
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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

GENE INFORMATION

Gene Name	DLST dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex) [Homo sapiens]
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;
mRNA Refseq	NM_001244883
Protein Refseq	NP_001231812
MIM	126063
UniProt ID	P36957
Gene ID	1743

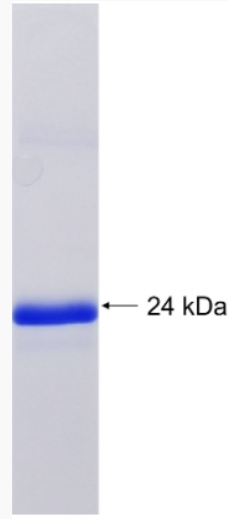
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SDS-PAGE



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