

Recombinant Human DLST Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DLST-952H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DLST MS Standard C13 and N15-labeled recombinant protein (NP_001924) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	48.6 kDa
AA Sequence	MLSRSRCVSRAFSRSLSAFQKGNCPLGRRSLPGVSLCQGPYPNSRKVVINNSVFS VRFFRTTAVCKDDLVTVKTPAFAESVTEGDVRWEKAVGDTVAEDEVVCEIETDKTSV QVPSPANGVIEALLVPDGGKVEGGTPLFTLRKTGAAPAKAKPAEAPAAAAPKAEPTA AAVPPPAAPIPTQMPPVSPSPQPPSGKPVSAVKPTVAPPLAEPGAGKGLRSEHREK MNRMRQRIAQRLKEAQNTCAMLTTFNEIDMSNIQEMRARHKEAFLKKHNLKLGFS AFVKASAFALQEQPVVNAVIDDTTKEVVYRDYIDISVAVATPRGLVVPVIRNVEAMNF ADIERTITELGEKARKNELAIEDMDGGTFTISNGGVFGSLFGTPIINPPQSAILGMHGIF DRPVAIGGKVEVRPMMYVALTYDHLIDGREAVTFLRKIKAAVEDPRVLLLDLTRTRP

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	DLST dihydrolipoamide S-succinyltransferase [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_001933
Protein Refseq	NP_001924
MIM	126063

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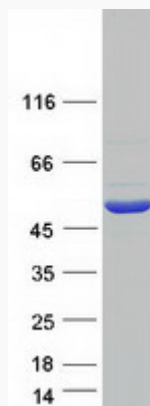
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UniProt ID

P36957

SDS-PAGE

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