

## Product datasheet for **TP507251**

### Dlst (NM\_030225) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex) (Dlst), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207251 representing NM_030225 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLSRRCVSRAFSRSLSAFQKGNCPGRRSLPGVSLCRGPGYPDNRKMMVINSVSVFRVRFQTTAVCKND  
VITVQTPAFAESVTEGDVRWEKAVGDAVAEDEVCEIETDKTSVQVPSPANGIIEALLVPDGGKVEGGTP  
LFTLRKTGAAPAKAKPAETPAPAHKAEPAAAPPPPAAPVLTQMPPVSPSPQPPSSKPVSAIKPTAAPP  
LAEAGAAKGLRSEHREKMNRMRQRIQRLKEAQNTCAMLTTFNEVDMSNIQEMRARHKDAFLKKNLKLKLG  
FMSAFVKASAFALQEQPVVNAVIDDATKEVVYRDYIDISVAVATPRGLVVPVIRNVETMNYADIERTINE  
LGEKARKNELAIEDMDGGTFTISNGGVFGSLFGTPIINPPQSAILGMHAIFDRPVAVGGKVEVRPMMYVA  
LTYDHRLLIDGREAVTFLRKIKAAVEDPRVLLLDL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	49.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_084501</a>



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Locus ID:	78920
UniProt ID:	<a href="#">Q9D2G2</a>
RefSeq Size:	2767
Cytogenetics:	12 D1
RefSeq ORF:	1362
Synonyms:	1600017E01Rik; 4632413C10Rik; 4930529O08Rik; DLTS
Summary:	Dihydrolipoamide succinyltransferase (E2) component of the 2-oxoglutarate dehydrogenase complex (By similarity). The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO(2) (By similarity). The 2-oxoglutarate dehydrogenase complex is mainly active in the mitochondrion. A fraction of the 2-oxoglutarate dehydrogenase complex also localizes in the nucleus and is required for lysine succinylation of histones; associates with KAT2A on chromatin and provides succinyl-CoA to histone succinyltransferase KAT2A (By similarity).[UniProtKB/Swiss-Prot Function]