

Recombinant Mouse Dlat Protein, Myc/DDK-tagged

Cat. No. Dlat-2573M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex) (Dlat), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO ₂ , and thereby links the glycolytic pathway to the tricarboxylic cycle.
Molecular Mass	68.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Dlat dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex) [Mus musculus (house mouse)]
Official Symbol	Dlat
Synonyms	DLAT; dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex); dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial; PDCE2; pyruvate dehydrogenase complex component E2; dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex; DLTA; PDC-E2; 6332404G05Rik
Gene ID	235339
mRNA Refseq	NM_145614
Protein Refseq	NP_663589
UniProt ID	Q8BMF4

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