

Recombinant Mouse Dld Protein, Myc/DDK-tagged

Cat. No. Dld-2574M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dihydrolipoamide dehydrogenase (Dld), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the class-I pyridine nucleotide-disulfide oxidoreductase family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. In homodimeric form, the encoded protein functions as a dehydrogenase and is found in several multi-enzyme complexes that regulate energy metabolism. However, as a monomer, this protein can function as a protease.
Molecular Mass	54.3 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Dld dihydrolipoamide dehydrogenase [Mus musculus (house mouse)]

Official Symbol Dld

Synonyms DLD; dihydrolipoamide dehydrogenase; dihydrolipoyl dehydrogenase, mitochondrial; branched chain alpha-keto acid dehydrogenase complex subunit E3; AI315664; AI746344

Gene ID 13382

mRNA Refseq NM_007861

Protein Refseq NP_031887

UniProt ID O08749

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