

Recombinant Mouse Pdhx Protein, Myc/DDK-tagged

Cat. No. Pdhx-4762M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pyruvate dehydrogenase complex, component X (Pdhx), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for anchoring dihydrolipoamide dehydrogenase (E3) to the dihydrolipoamide transacetylase (E2) core of the pyruvate dehydrogenase complexes of eukaryotes. This specific binding is essential for a functional PDH complex.
Molecular Mass	54.4 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.

GENE INFORMATION

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Gene Name	Pdhx pyruvate dehydrogenase complex, component X [Mus musculus (house mouse)]
Official Symbol	Pdhx
Synonyms	PDHX; pyruvate dehydrogenase complex, component X; pyruvate dehydrogenase protein X component, mitochondrial; lipoyl-containing pyruvate dehydrogenase complex component X; dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex (E3-binding protein) (proX); E3bp; Pdx1; AI481367
Gene ID	27402
mRNA Refseq	NM_175094
Protein Refseq	NP_780303
UniProt ID	Q8BKZ9

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