

Recombinant Mouse Pdha1 Protein, Myc/DDK-tagged

Cat. No. Pdha1-4760M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pyruvate dehydrogenase E1 alpha 1 (Pdha1), 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	43.2 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	Pdha1 pyruvate dehydrogenase E1 alpha 1 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Pdha1
Synonyms	PDHA1; pyruvate dehydrogenase E1 alpha 1; pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial; PDHE1-A type I; pyruvate dehydrogenase E1alpha subunit; Pdha-1
Gene ID	18597
mRNA Refseq	NM_008810
Protein Refseq	NP_032836
UniProt ID	P35486

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