

## Recombinant Mouse Pdha2 Protein, Myc/DDK-tagged

Cat. No. Pdha2-4761M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length pyruvate dehydrogenase E1 alpha 2 (Pdha2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO <sub>2</sub> , and thereby links the glycolytic pathway to the tricarboxylic cycle.
<b>Molecular Mass</b>	43.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Pdha2 pyruvate dehydrogenase E1 alpha 2 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Pdha2
<b>Synonyms</b>	PDHA2; pyruvate dehydrogenase E1 alpha 2; pyruvate dehydrogenase E1 component subunit alpha, testis-specific form, mitochondrial; PDHE1-A type II; PYRUVATE DEHYDROGENASE E1 COMPONENT ALPHA SUBUNIT, TESTIS-SPECIFIC FORM, MITOCHONDRIAL PRECURSOR (PDHE1-A TYPE II); Pdhal
<b>Gene ID</b>	18598
<b>mRNA Refseq</b>	NM_008811
<b>Protein Refseq</b>	NP_032837
<b>UniProt ID</b>	P35487

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