

Recombinant Mouse Pdp1 Protein, Myc/DDK-tagged

Cat. No. Pdp1-4775M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pyruvate dehydrogenase phosphatase catalytic subunit 1 (Pdp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the dephosphorylation and concomitant reactivation of the alpha subunit of the E1 component of the pyruvate dehydrogenase complex.
Molecular Mass	61.6 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	Pdp1 pyruvate dehydrogenase phosphatase catalytic subunit 1 [Mus musculus (house mouse)]
Official Symbol	Pdp1
Synonyms	PDP1; pyruvate dehydrogenase phosphatase catalytic subunit 1; [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial; PDP 1; PDPC 1; pyruvate dehydrogenase phosphatase isoenzyme 2; pyruvate dehydrogenase phosphatase catalytic subunit 1; protein phosphatase 2C, magnesium dependent, catalytic subunit; Ppm2c; Gm1024; RP23-203A12.1
Gene ID	381511
mRNA Refseq	NM_001033453
Protein Refseq	NP_001028625
UniProt ID	Q3UV70

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