

Recombinant Mouse Pdk3 protein, His-tagged

Cat. No. Pdk3-8051M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pdk3 aa. (Gly138~Pro396) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gly138~Pro396
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.1kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Pdk3 pyruvate dehydrogenase kinase, isoenzyme 3 [Mus musculus (house mouse)]
Official Symbol	Pdk3
Synonyms	AI035637; 2610001M10Rik; [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 3, mitochondrial; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 3, mitochondrial; pyruvate dehydrogenase kinase 3; pyruvate dehydrogenase kinase, isozyme 3
Gene ID	236900
mRNA Refseq	NM_145630.2
Protein Refseq	NP_663605.1
UniProt ID	Q922H2

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