

Recombinant Mouse Pdk4 protein, His & T7-tagged

Cat. No. Pdk4-5670M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pdk4 aa. (Val117~Gln387 (Accession # O70571)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val117~Gln387
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. 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. The loss rate 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	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

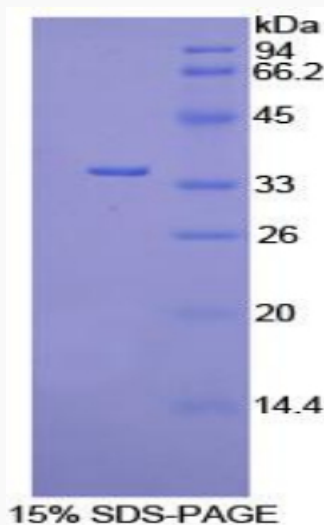
Gene Name	Pdk4 pyruvate dehydrogenase kinase, isoenzyme 4 [Mus musculus (house mouse)]
Official Symbol	Pdk4
Synonyms	Pdk4; pyruvate dehydrogenase kinase, isoenzyme 4; AV005916; [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 4, mitochondrial; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 4, mitochondrial; pyruvate dehydrogenase kinase 4
Gene ID	27273
mRNA Refseq	NM_013743.2
Protein Refseq	NP_038771.1
UniProt ID	O70571

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SDS-PAGE



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