

Recombinant Mouse Pdk1 protein, His-tagged

Cat. No. Pdk1-2329M **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Mouse Pdk1 protein(Q8BFP9)(27-434aa), fused to N-terminal His tag, was expressed in Insect Cell.

Species Mouse

Source Insect Cells

ProteinLength 27-434aa

Form If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.
If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Molecular Mass 48.7 kDa

AA Sequence ASASASGSGPASELGVPQGQVDFYARFSPSPLSMKQFLDFGSVNACEKTSFMFLRQ
ELPVRLANIMKEISLLPDNLLRTPSVQLVQSWYIQSLQELDFKDKSAEDAktiYEFTD
TVIRIRNRHNDVIPTMAQGVTEYKESFGVDPVTSQNVQYFLDRFYMSRISIRMLLNQH
SLLFGGKGSPPSHRKHIGSINPNCDVVEVIKDGyENARRLCDLYVNSPELELEELNA
KSPGQTIQVVVYVPSHLYHMFELFKNAMRATMEHHADKGVYPPIQVHVTLGEEDLT
VKMSDRGGGVPLRKIDRLFNYMYSTAPRPRVETSRAVPLAGFGYGLPISRlyAQYF
QGDLKLYSLEGYGTDaviYIKALSTESVERLPVYNKAawkHYKANHEADDWCVPSR
EPKDMTTFRSS

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Pdk1 pyruvate dehydrogenase kinase, isoenzyme 1 [Mus musculus]
Official Symbol	Pdk1
Synonyms	PDK1; pyruvate dehydrogenase kinase, isoenzyme 1; pyruvate dehydrogenase kinase, isozyme 1; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 1, mitochondrial; B830012B01; D530020C15Rik;
Gene ID	228026
mRNA Refseq	NM_172665
Protein Refseq	NP_766253

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