

Recombinant Mouse PDK1 protein (His tag) ab235012

1 Image

Description

Product name	Recombinant Mouse PDK1 protein (His tag)		
Purity	> 85 % SDS-PAGE. Affinity purified.		
Expression system	Baculovirus infected insect cells		
Accession	<u>Q8BFP9</u>		
Protein length	Full length protein		
Animal free	No		
Nature	Recombinant		
Species	Mouse		
Sequence	ASASASGSGPASELGVPQQVDFYARFSPSPLSMKQFLD FGSVNACEKTSF MFLRQELPVRLANIMKEISLLPDNLLRTPSVQLVQSWYIQS LQELDFKD KSAEDAKTIYEFTD TVIRNRHNDVIPTMAQGVTEYKESFG VDPVTSQN VQYFLDRFYMSRISIRMLLNQHSLLFGGKGSPSHRKHIGSIN PNCDVVEV IKDGYENARRLCDLYVNSPELELEELNAKSPGQTIQVVYV PSHLYHMF ELFKNAMRATMEHHADKGVYPPIQVHVTLG EEDLTVKMS DRGGGVPLRKI DRLFNYMYSTAPRPRVETSRVPLAGFGYGLPISRLYAQYF QGDLKLYSL EGYGTDAVYMKALSTESVERLPVYNKAAWKHYKANHEAD DWCVPSREPK DMTTFRSS		
Predicted molecular weight	49 kDa including tags		
Amino acids	27 to 434		
Tags	His tag N-Terminus		
Additional sequence information	This product is the mature full length protein from aa 27 to 434. The transit peptide is not included.		

Specifications

Our **Abpromise guarantee** covers the use of **ab235012** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	This product was previously labelled as Mitochondrial Pyruvate dehydrogenase kinase 1

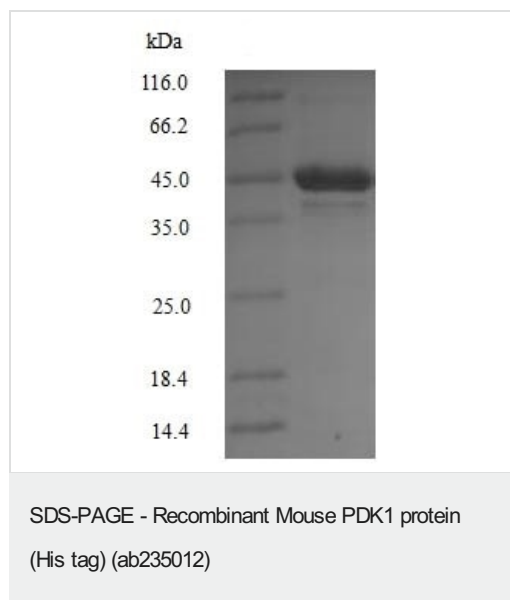
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.2 Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)
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General Info

Function	Inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.
Tissue specificity	Expressed predominantly in the heart.
Sequence similarities	Belongs to the PDK/BCKDK protein kinase family. Contains 1 histidine kinase domain.
Cellular localization	Mitochondrion matrix.

Images



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab235012.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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