

Product datasheet

Recombinant Human Mitochondrial Pyruvate dehydrogenase kinase 1 protein ab86986

2 Images

Overview

Product name	Recombinant Human Mitochondrial Pyruvate dehydrogenase kinase 1 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Species	Human

Sequence	<p>MGSSHHHHHH SSGLVPRGSH MSSDSGSSPA SERGVPGQVD FYARFSPSPL SMKQFLDFGS VNACEKTSFM FLRQELPVRL ANIMKEISLL PDNLLRTPSV QLVQSWYIQS LQELLDKDK SAEDAKAYD FTDTVIRIRN RHNDVIPTMA QGVIEYKESF GVDPVTSQNV QYFLDRFYMS RISIRMLLNQ HSLLFGGK GK GSPSHRKHIG SINPNCNVLE VIKDGYENAR RLCDLYINS PELELEELNA KSPGQPIQVV YVPSHLYH MV FELFKNAMRA TMEHHANRGV YPPIQVHVT L GNEDLTVKMS DRGGGVPLRK IDRLFNYMYS TAPRPRVETS RAVPLAGFGY GLPISRLY AQ YFQGDLKLYS LEGYGTDAVI YKALSTDSI ERLPVYNKAA WKHYNTNHEA DDWCVPSREP KDMTFRSA</p>
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Specifications

Our [Abpromise guarantee](#) covers the use of **ab86986** 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 Western blot
Purity	> 95 % SDS-PAGE.

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.00

Constituents: 0.00174% PMSF, 0.0095% Magnesium chloride, 0.0077% DTT, 0.316% Tris HCl, 0.00292% EDTA, 40% Glycerol, 0.58% Sodium chloride

General Info

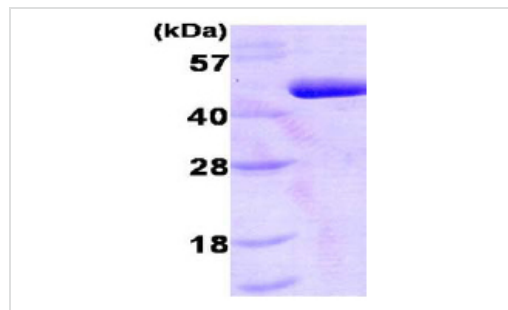
Function Inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.

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



15% SDS-PAGE showing ab86986 at approximately 48.6kDa (3µg).

SDS-PAGE - Recombinant Human Mitochondrial Pyruvate dehydrogenase kinase 1 protein (ab86986)



Western blot - Recombinant Human Mitochondrial Pyruvate dehydrogenase kinase 1 protein (ab86986)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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