

Product datasheet

Recombinant Mouse PDK4 protein (His tag) ab235847

1 Image

Description

Product name	Recombinant Mouse PDK4 protein (His tag)	
Purity	> 85 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	O70571	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	<pre> ILEYKDTCTVDPVTNQNLQYFLDRFYMNRISTRMLMNQHILI FSDSKTGN PSHIGSIDPNCDVVAVVQDAFECAMLCDQYYLTSPENL TQVNGKFPGQ PIHIVYVPSHLHHMLFELFKNAMRATVEHQENRPSLTPVEA TVVLGKEDL TIKISDRGGGVPLRITDRLFSYTYSTAPTPVMDNSRNAPLA GFGYGLPIS RLYAKYFQGDLNLYSMSGYGTDAIYLKALS </pre>	
Predicted molecular weight	30 kDa including tags	
Amino acids	138 to 368	
Tags	His tag N-Terminus	
Additional sequence information	N-terminal 6xHis-tagged.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab235847** 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

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

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

Ubiquitous; highest levels of expression in heart and skeletal muscle.

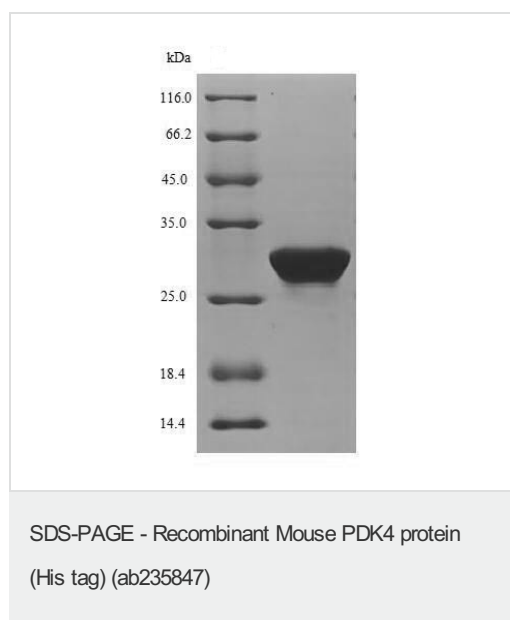
Sequence similarities

Belongs to the PDK/BCKDK protein kinase family.
Contains 1 histidine kinase domain.

Cellular localization

Mitochondrion matrix.

Images



ab235847 analyzed by (Tris-Glycine gel) discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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