

Recombinant Human PANK1 protein ab153362

1 Image

Description

Product name	Recombinant Human PANK1 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MKLINGKKQTFPWFGMDIGGTLVKLVYFEPKDITAEEEQE EVENLKSIRK YLTSENTAYGKTGIRDVHLELKNLTMCGRKGNLHFIRFPSCA MHRFIQMGS EKNFSSLHTTLCATGGGAFKFEEDFRMIADLQLHKLDELD CLIQGLLYVD SVGFNGKPECYYFENPTNPELCQKKPYCLDNPYPMLLVN MGSGVSILAVY SKDNYKRVTGTSLGGGTFLGLCCLLTGCETFEEALEMAA KGDSTNVDKLV KDIYGGDYERFGLQGSAVASSFGNMMSKEKRDSISKEDL ARATLVITINN IGSIARMCALNENIDRVVFVGNFLRINMVSMKLLAYAMDFW SKGQLKALF LEHEGYFGAVGALLELFKMTDDK
Amino acids	1 to 373
Tags	GST tag N-Terminus

Specifications

Our <b>Abpromise guarantee</b> covers the use of <b>ab153362</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Western blot ELISA
Form	Liquid
Additional notes	

## Preparation and Storage

### Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

### Function

Plays a role in the physiological regulation of the intracellular CoA concentration.

### Tissue specificity

Isoform 1 is expressed at high levels in brain, heart, kidney, liver, skeletal muscle and testis.

Isoform 2 is detected at much lower levels in kidney, liver, brain and testis and is not detected in heart or skeletal muscle.

### Pathway

Cofactor biosynthesis; coenzyme A biosynthesis; CoA from (R)-pantothenate: step 1/5.

### Sequence similarities

Belongs to the type II pantothenate kinase family.

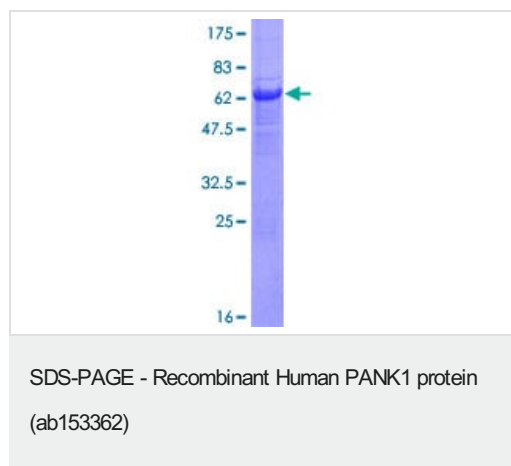
### Domain

The N-terminal extension, present in isoform 1 may be the regulatory domain.

### Cellular localization

Cytoplasm.

## Images



ab153362 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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