

Product datasheet

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	<pre> MKLINGKKQTFPWFQMDIGGTLVKLVYFEPKDITAEEEQE EVENLKSIRK YLSNTAYGKTGIRDVHLELKNLTMCGRKGNLHFIRFPSCA MHRFIQMGS EKNFSSLHTTLCATGGGAFKFEEDFRMIADLQLHKLDEL CLIQGLLYVD SVGFNGKPECYFENPTNPELCQKKPYCLDNPYPMLLVN MGSGVSILAVY SKDNYKRVGTSLGGGTFGLGCCLLTGCETFEEALEMAA KGDSTNVDKLV KDIYGGDYERFGLQGSAVASSFGNMMSKEKRDSISKEDL ARATLVITINN IGSIARMCALNENIDRVVFGNFLRINMVSMKLLAYAMDFW SKGQLKALF LEHEGYFGAVGALLELFKMTDDK </pre>
Amino acids	1 to 373
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab153362** 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
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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.

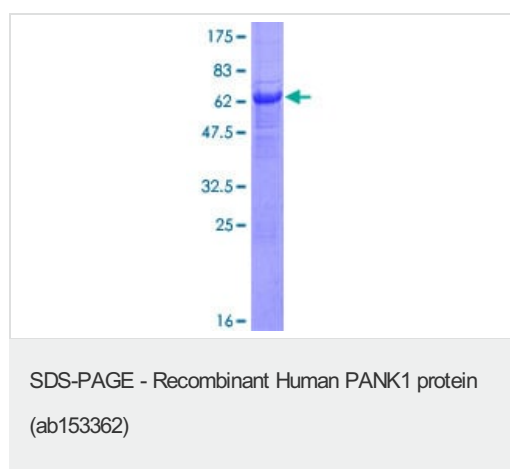
Domain

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.

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