

Product datasheet

Recombinant Human PDK protein ab162885

1 Image

Description

<b>Product name</b>	Recombinant Human PDK protein	
<b>Expression system</b>	Wheat germ	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	PDSVPVDSFPPAPSMVAVVLESTLSCEACKNGMPTISR LLQMPLFSDVL LTTSEKPQFKIPTKLKEALRIAKECIEKRLIEEQKQIHQHRRL TRAQSHH	
<b>Amino acids</b>	351 to 450	
<b>Tags</b>	GST tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab162885** in the following tested applications.

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

<b>Applications</b>	ELISA
	Western blot
<b>Form</b>	Liquid

Additional notes

Preparation and Storage

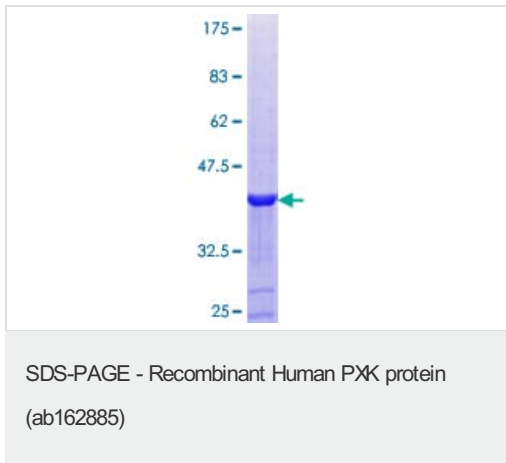
<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

## General info

<b>Function</b>	Binds to and modulates brain Na,K-ATPase subunits ATP1B1 and ATP1B3 and may thereby participate in the regulation of electrical excitability and synaptic transmission. May not display kinase activity.
<b>Tissue specificity</b>	Widely expressed in all tissues examined except in heart. Isoform 1 is expressed in high levels in the brain, skeletal muscle, spleen and testis. Isoform 7 expression has yet to be demonstrated.
<b>Sequence similarities</b>	Belongs to the protein kinase superfamily. Contains 1 protein kinase domain. Contains 1 PX (phox homology) domain. Contains 1 WH2 domain.
<b>Domain</b>	The protein kinase domain is predicted to be catalytically inactive.
<b>Cellular localization</b>	Cytoplasm. Cell membrane. Also associates with the plasma membrane. Isoform 3 is present throughout the cell.

## Images



ab162885 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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