

Product datasheet

Recombinant Human PYK protein ab159109

1 Image

Overview

<b>Product name</b>	Recombinant Human PYK protein
<b>Protein length</b>	Protein fragment

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	RRFSTSVKPDVVVQVTVLAENNHKDLLRKHGVNVQSI ADIHPIQVQPGR ILSHIYAKLGRNKNMNLGRPYRHIGVLGTSKLYVIRNQIF TFT
<b>Amino acids</b>	428 to 521
<b>Tags</b>	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab159109** 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>	Western blot ELISA
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml. This product was previously labelled as PHKA2

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
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Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

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### Relevance

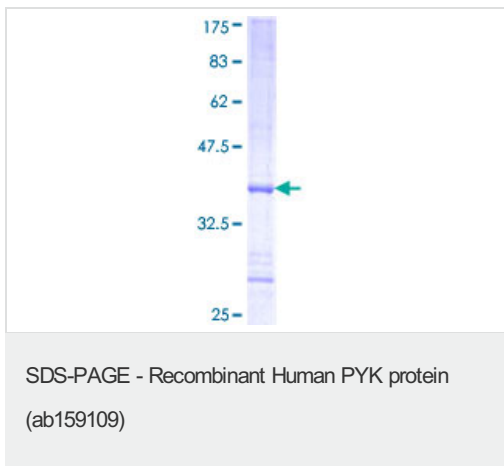
PHKA2 belongs to the phosphorylase b kinase regulatory chain family. It is a polymer of 16 chains, four each of alpha, beta, gamma, and delta. Alpha and beta are regulatory chains, gamma is the catalytic chain, and delta is calmodulin. It catalyzes the phosphorylation of serine in certain substrates, including troponin I. The alpha chain may bind calmodulin.

### Cellular localization

Cell membrane; Lipid-anchor; Cytoplasmic side

## Images

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ab159109 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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