

Product datasheet

Recombinant human PIP5K1 beta protein ab125547

2 Images

Overview

---

<b>Product name</b>	Recombinant human PIP5K1 beta protein
<b>Protein length</b>	Full length protein

Description

---

<b>Nature</b>	Recombinant
<b>Source</b>	Baculovirus infected Sf9 cells

Amino Acid Sequence

<b>Accession</b>	<a href="#">O14986</a>
<b>Species</b>	Human
<b>Molecular weight</b>	96 kDa including tags
<b>Amino acids</b>	1 to 540
<b>Tags</b>	GST tag N-Terminus

Specifications

---

Our [Abpromise guarantee](#) covers the use of **ab125547** in the following tested applications.

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

<b>Biological activity</b>	The specific activity of ab125547 was determined to be 220nmol/min/mg.
----------------------------	--

<b>Applications</b>	Western blot
	Functional Studies
	SDS-PAGE

<b>Purity</b>	> 70 % SDS-PAGE. Assessed by densitometry.
---------------	---

<b>Form</b>	Liquid
-------------	--------

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: 7.50
------------------------------	---

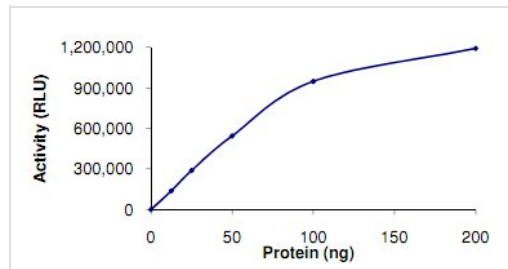
Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol, 0.88% Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

## General Info

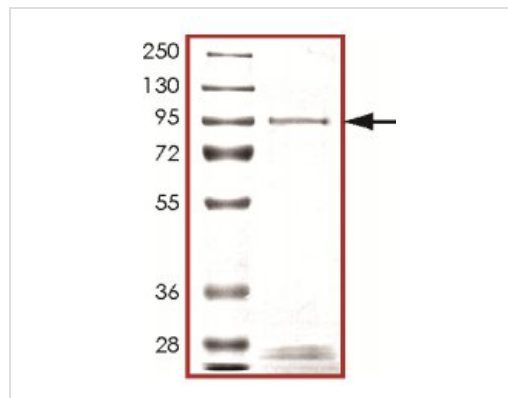
<b>Function</b>	Mediates RAC1-dependent reorganization of actin filaments (By similarity). Participates in the biosynthesis of phosphatidylinositol-4,5-bisphosphate.
<b>Tissue specificity</b>	Detected in heart, pancreas, brain, kidney, skeletal muscle and lung.
<b>Sequence similarities</b>	Contains 1 PIPK domain.
<b>Cellular localization</b>	Endomembrane system. Associated with membranes.

## Images



The specific activity of ab125547 was determined to be 220nmol/min/mg.

Functional Studies - PIP5K1 beta protein (Active)  
(ab125547)



SDS-PAGE analysis of ab125547.

SDS-PAGE - PIP5K1 beta protein (Active)  
(ab125547)

**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

- Replacement or refund for products not performing as stated on the datasheet

- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors