

Product datasheet

Recombinant human PIP5K1 beta protein ab125547

2 Images

Overview

Product name Recombinant human PIP5K1 beta protein
Protein length Full length protein

Description

Nature Recombinant
Source Baculovirus infected Sf9 cells

Amino Acid Sequence

Accession [O14986](#)
Species Human
Molecular weight 96 kDa including tags
Amino acids 1 to 540
Tags 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.

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

Applications Western blot
 Functional Studies
 SDS-PAGE

Purity > 70 % SDS-PAGE.
 Assessed by densitometry.

Form Liquid

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
 pH: 7.50

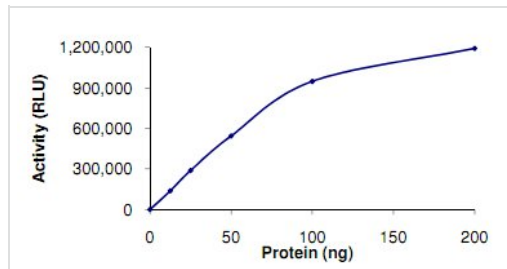
Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol, 0.88% Sodium chloride

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

General Info

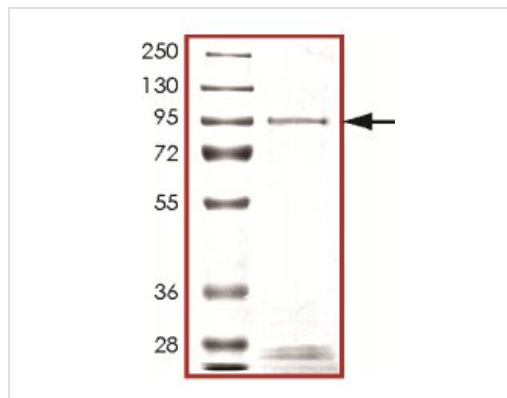
Function	Mediates RAC1-dependent reorganization of actin filaments (By similarity). Participates in the biosynthesis of phosphatidylinositol-4,5-bisphosphate.
Tissue specificity	Detected in heart, pancreas, brain, kidney, skeletal muscle and lung.
Sequence similarities	Contains 1 PIPK domain.
Cellular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

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