

Product datasheet

Recombinant Human PIB5PA protein **ab162085**

1 Image

Overview

Product name	Recombinant Human PIB5PA protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	FLLQFAFRDDMPLVRLEVADEWVRPEQAVVRYRMET VFARSSWDWIGLYR VGFRHCKDYWAYWAKHEDVDGNTYQVTFSEESLPK GHGDFILGYSHNH SILIGTEPF
Amino acids	361 to 470
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab162085** in the following tested applications.

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

Applications	ELISA Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

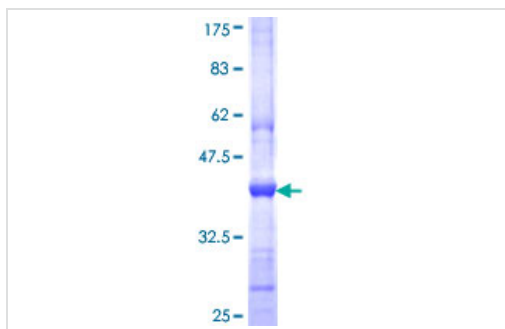
Preparation and Storage

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
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General Info

Function	Inositol 5-phosphatase, which converts inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate. Also converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4-phosphate and inositol 1,3,4,5-tetrakisphosphate to inositol 1,3,4-trisphosphate in vitro. May be involved in modulation of the function of inositol and phosphatidylinositol polyphosphate-binding proteins that are present at membranes ruffles.
Sequence similarities	Belongs to the inositol 1,4,5-trisphosphate 5-phosphatase type II family.
Domain	The 5 Arg-Ser-Xaa-Ser-Xaa-Xaa (RSXSXX) motifs may constitute binding sites for the 14-3-3 protein.
Cellular localization	Cytoplasm. Predominantly localized to membrane ruffles.

Images



SDS-PAGE - Recombinant Human PIB5PA protein
(ab162085)

ab162085 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"

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