

## Product datasheet

# Recombinant human PIP5K2 gamma protein (Active) ab268870

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### Description

<b>Product name</b>	Recombinant human PIP5K2 gamma protein (Active)
<b>Biological activity</b>	The specific activity of ab268870 was 88 nmol/min/mg in a kinase assay using PI(5)P:PS as substrate.
<b>Purity</b>	> 90 % SDS-PAGE. Affinity purified.
<b>Expression system</b>	Baculovirus infected Sf9 cells
<b>Accession</b>	<b><u>Q8TBX8</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Molecular weight information</b>	75 kDa by SDS-PAGE
<b>Tags</b>	GST tag N-Terminus
<b>Additional sequence information</b>	BC028596

### Specifications

Our **Abpromise guarantee** covers the use of **ab268870** 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>	SDS-PAGE Functional Studies
<b>Form</b>	Liquid

### Preparation and Storage

<b>Stability and Storage</b>	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.50 Constituents: 0.79% Tris HCl, 0.87% Sodium chloride, 0.31% Glutathione, 0.003% EDTA, 0.004% DTT, 0.002% PMSF, 25% Glycerol (glycerin, glycerine)
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

## General Info

### Function

May play an important role in the production of Phosphatidylinositol bisphosphate (PIP<sub>2</sub>), in the endoplasmic reticulum.

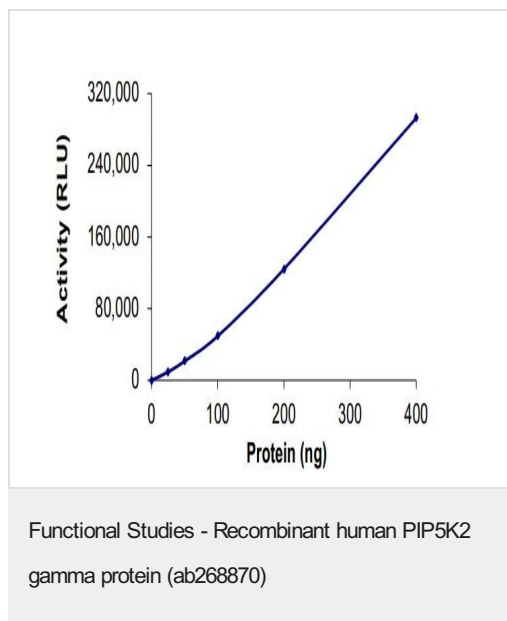
### Sequence similarities

Contains 1 PIPK domain.

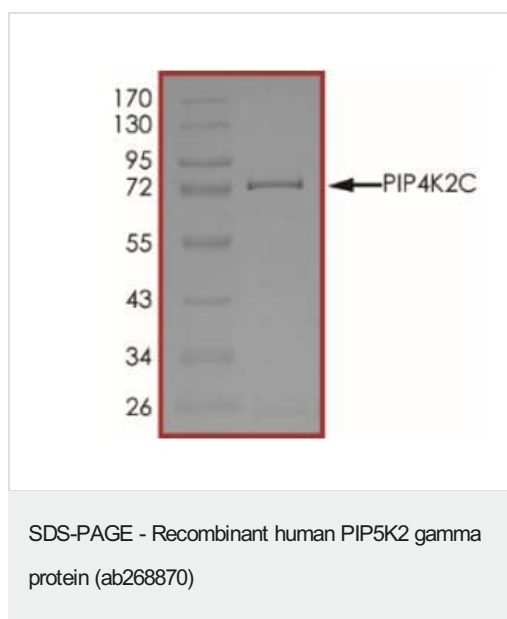
### Cellular localization

Cytoplasm. Membrane. Mostly found in the cytosol and surrounding plasma membrane. However, its presence in the endoplasmic reticulum seems to be a prerequisite for PIP<sub>2</sub> synthesis.

## Images



The specific activity of ab268870 was 88 nmol/min/mg in a kinase assay using PI(5)P:PS as substrate.



SDS-PAGE analysis of ab268870.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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