

## Product datasheet

# Recombinant human VPS34 protein ab125629

[2 Images](#)

### Description

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<b>Product name</b>	Recombinant human VPS34 protein
<b>Biological activity</b>	The specific activity of PI 3 Kinase Class 3 was determined to be 98 nmol /min/mg.
<b>Expression system</b>	Baculovirus infected Sf9 cells
<b>Accession</b>	<a href="#">Q8NEB9</a>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Predicted molecular weight</b>	128 kDa including tags
<b>Amino acids</b>	1 to 887

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab125629** 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 Functional Studies SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as PI 3 Kinase Class 3

### Preparation and Storage

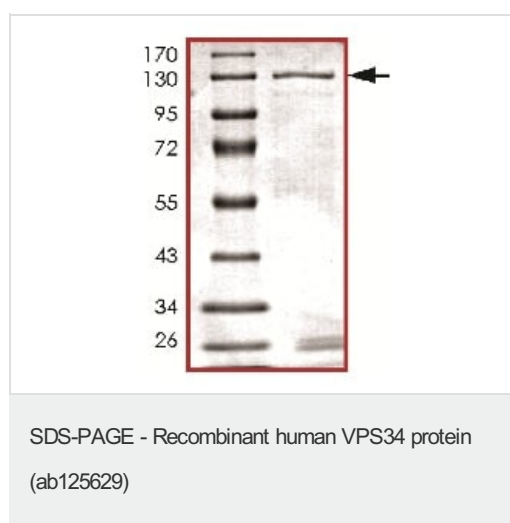
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<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol, 0.88% Sodium chloride  This product is an active protein and may elicit a biological response in vivo, handle with caution.
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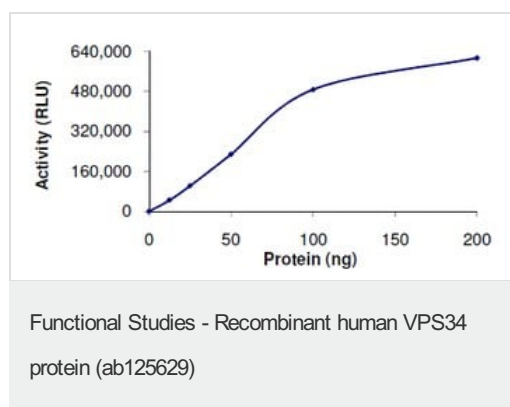
## General Info

<b>Function</b>	Catalytic subunit of the PI3K complex that mediates formation of phosphatidylinositol 3-phosphate. Involved in the transport of lysosomal enzyme precursors to lysosomes. Required for the abscission step in cytokinesis.
<b>Tissue specificity</b>	Ubiquitously expressed, with a highest expression in skeletal muscle.
<b>Sequence similarities</b>	Belongs to the PI3/P4-kinase family. Contains 1 PI3K/P4K domain.
<b>Cellular localization</b>	Midbody.

## Images



SDS-PAGE of Human VPS34 protein.



The specific activity of ab125629 was determined to be 98 nmol/min/mg.

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

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- 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
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