

## Product datasheet

# Recombinant Human EEA1 protein ab112379

[1 Image](#)

### Description

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<b>Product name</b>	Recombinant Human EEA1 protein
<b>Biological activity</b>	This product is useful for Antibody Production and Protein Array
<b>Expression system</b>	Wheat germ
<b>Accession</b>	<b><u>Q15075</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	KVLELQRKLDNTTAAVQELGRENQSLQIKHTQALNRKWAE DNEVQNCMAC GKGFSVTVRRHHCRQCGNIFCAECSAKNALTPSSKKPVR VCDACFNDLQG
<b>Predicted molecular weight</b>	37 kDa including tags
<b>Amino acids</b>	1312 to 1411

### Specifications

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Our **Abpromise guarantee** covers the use of **ab112379** 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 ELISA SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	This product is useful for Antibody Production and Protein Array.

### 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: 8.00
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Constituents: 0.31% Glutathione, 0.79% Tris HCl

Glutathione is reduced

## General Info

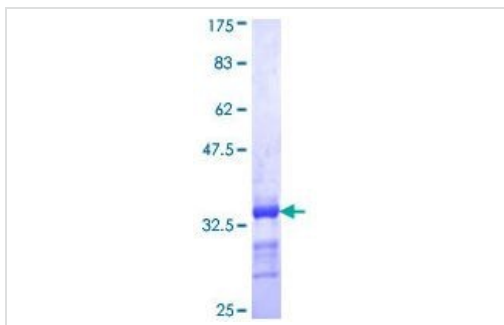
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<b>Function</b>	Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in endosomal trafficking.
<b>Sequence similarities</b>	Contains 1 C2H2-type zinc finger. Contains 1 FYVE-type zinc finger.
<b>Domain</b>	The FYVE-type zinc finger domain mediates interactions with phosphatidylinositol 3-phosphate in membranes of early endosomes and penetrates bilayers. The FYVE domain insertion into PtdIns(3)P-enriched membranes is substantially increased in acidic conditions.
<b>Cellular localization</b>	Cytoplasm. Early endosome membrane.

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## Images

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ab112379 analysed by 12.5% SDS-PAGE and stained with Coomassie Blue

SDS-PAGE - Recombinant Human EEA1 protein  
(ab112379)

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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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
- 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.

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