

## Product datasheet

# Recombinant Human Rab4 protein ab109957

1 Image

### Description

<b>Product name</b>	Recombinant Human Rab4 protein
<b>Purity</b>	> 90 % SDS-PAGE. ab109957 is purified using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P20338</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MGSSHHHHHHSSGLVPRGSHMSQTAMSETYDFLFKFLVI GNAGTGKSCLL HQFIEKKFKDDSNHTIGVEFGSKIINVGGKYVKLQIWDTAG QERFRSVTR SYRGAAGALLVYDITSRETYNALTNWLT DARMLASQNIVIL CGNKKDL DADREVT FLEASRFAQENELMFLETSALTGENVEEAFVQ CARKILNKIES GELDPERMGSGIQYGDAALRQLRSPRRAQAPNAQECGC
<b>Predicted molecular weight</b>	27 kDa including tags
<b>Amino acids</b>	1 to 218
<b>Tags</b>	His tag N-Terminus

### Specifications

Our **Abpromise guarantee** covers the use of **ab109957** 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 Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## General Info

### Function

Protein transport. Probably involved in vesicular traffic.

### Sequence similarities

Belongs to the small GTPase superfamily. Rab family.

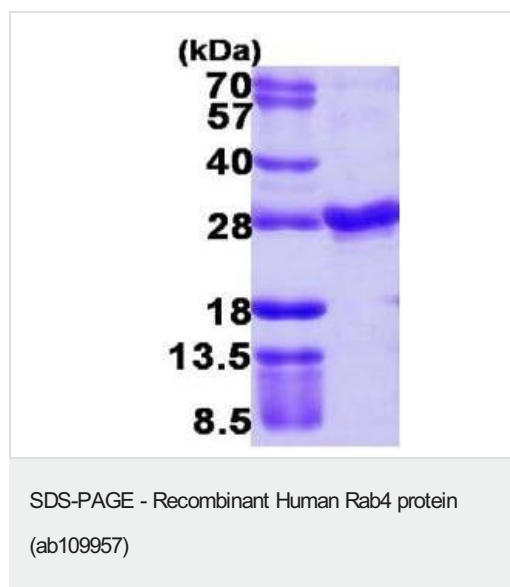
### Post-translational modifications

Phosphorylated by CDK1 kinase during mitosis.

### Cellular localization

Membrane. Cytoplasm. Generally associated with membranes. Cytoplasmic when phosphorylated by CDK1.

## Images



15% SDS-PAGE showing ab109957 at approximately 26.5 kDa (3µg).

**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
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- 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

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