

## Product datasheet

# Recombinant human Rab2 protein ab90797

### Overview

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<b>Product name</b>	Recombinant human Rab2 protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

### Amino Acid Sequence

<b>Species</b>	Human
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### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab90797** in the following tested applications.

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

<b>Biological activity</b>	Activity: GTPgammaS binding: >750 mmol/mol.
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<b>Applications</b>	Functional Studies
	SDS-PAGE
	Western blot

<b>Purity</b>	> 90 % SDS-PAGE.
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<b>Form</b>	Liquid
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### 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.
	Preservative: None
	Constituents: 5mM DTT, 40mM Sodium chloride, 25mM HEPES, 2mM Magnesium chloride, 10mM GDP, pH 7.2
	This product is an active protein and may elicit a biological response in vivo, handle with caution.

### General Info

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<b>Function</b>	Required for protein transport from the endoplasmic reticulum to the Golgi complex.
<b>Sequence similarities</b>	Belongs to the small GTPase superfamily. Rab family.
<b>Cellular localization</b>	Endoplasmic reticulum-Golgi intermediate compartment membrane. Melanosome. Endoplasmic reticulum membrane. Golgi apparatus membrane. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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### **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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