

### Recombinant human REP-2 protein ab91088

#### Description

<b>Product name</b>	Recombinant human REP-2 protein
<b>Biological activity</b>	Activity: 1 pmol of REP-2 will mediate transfer of 2 pmol of geranylgeraniol by RabGGTase onto 1 pmol of Rab7 in 3 minutes.
<b>Purity</b>	> 90 % SDS-PAGE.
<b>Expression system</b>	Saccharomyces cerevisiae
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human

#### Specifications

Our **Abpromise guarantee** covers the use of **ab91088** 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
<b>Additional notes</b>	Previously labelled as CHML.

#### Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.20 Constituents: 0.077% DTT, 0.595% HEPES, 0.232% 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>	Binds unprenylated Rab proteins, presents it to the catalytic Rab GGTase dimer, and remains
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bound to it after the geranylgeranyl transfer reaction. The component A is thought to be regenerated by transferring its prenylated Rab back to the donor membrane. Less effective than REP-1 in supporting prenylation of Rab3 family.

#### **Sequence similarities**

Belongs to the Rab GDI family.

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