

Recombinant Human RGS5 protein ab113146

1 Image

Description

Product name	Recombinant Human RGS5 protein
Purity	> 90 % SDS-PAGE. ab113146 was purified using conventional chromatography.
Expression system	Escherichia coli
Accession	<u>O15539</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMCKGLAALPHSCL ERAKEIKILGIL LQKPDSVGDLPYNEKPEKPAKTQKTSLDEALQWRDSL DKLLQNNYGLA SFKSFLKSEFSEENLEFWIACEDYKKIKSPAKMAEKAKQIY EEFIQTEAP KEVNIDHFTKDITMKNLVEPSLSSFDMAQKRIHALMEKDSL PRFVRSEFYQELIK
Predicted molecular weight	24 kDa including tags
Amino acids	1 to 181
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab113146** in the following tested applications.  
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

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## 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

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## General Info

### Function

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha.

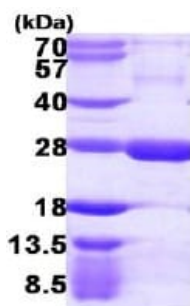
### Sequence similarities

Contains 1 RGS domain.

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## Images



15% SDS-PAGE analysis of ab113146 (3 µg)

SDS-PAGE - Recombinant Human RGS5 protein  
(ab113146)

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

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

- 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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