

Product datasheet

Recombinant Human RGS16 protein ab93733

1 Image

Description

Product name	Recombinant Human RGS16 protein	
Purity	> 90 % SDS-PAGE. Purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHH SSSLVPRGSH MCRTLAAFPT TCLERAKEFK TRLGIFLHKS ELGCDTGSTG KFEWGSKHSK ENRNFSEDVL GWRESFDLLL SSKNGVAAFH AFLKTEFSEE NLEFWLACEE FKKIRSATKL ASRAHQIFEE FICSEAPKEV NIDHETRELT RMNLQTATAT CFDAAQGKTR TLMEKDSYPR FLKSPAYRDL AAQASAASAT LSSCSLDEPS HT	
Amino acids	1 to 202	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab93733** 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
Form	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: 7.40 Constituents: PBS, 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. May play a role in regulating the kinetics of signaling in the phototransduction cascade.
Tissue specificity	Abundantly expressed in retina with lower levels of expression in most other tissues.
Sequence similarities	Contains 1 RGS domain.
Post-translational modifications	Palmitoylated on Cys-2 and/or Cys-12. Phosphorylation on Tyr-168 upon EGFR stimulation. Enhanced GTPase accelerating (GAP) activity on G(i)-alpha.

Images



15% SDS Page analysis of 3ug ab93733

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
- Valid for 12 months from date of delivery
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- We investigate all quality concerns to ensure our products perform to the highest standards

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