

Product datasheet

Recombinant Human RGS19 protein ab75333

1 Image

Overview

Product name Recombinant Human RGS19 protein
Protein length Full length protein

Description

Nature Recombinant
Source Escherichia coli

Amino Acid Sequence

Species Human

Specifications

Our [Abpromise guarantee](#) covers the use of **ab75333** in the following tested applications.

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

Applications Western blot
 ELISA
 SDS-PAGE

Form Liquid

Preparation and Storage

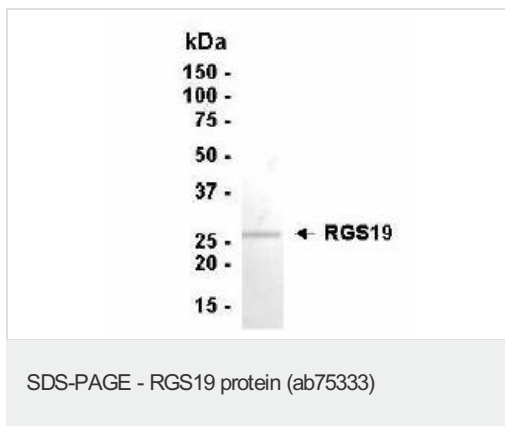
Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
 Preservative: None
 Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5

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-alpha subfamily 1 members, with the order G(i)a3 > G(i)a1 > G(o)a >> G(z)a/G(i)a2. Activity on G(z)-alpha is inhibited by phosphorylation and palmitoylation of the G-protein.

Tissue specificity	Highest expression in lung. Placenta, liver and heart also express high levels of GAIP.
Sequence similarities	Contains 1 RGS domain.
Post-translational modifications	Fatty acylated. Heavily palmitoylated in the cysteine string motif. Phosphorylated, mainly on serine residues.
Cellular localization	Membrane.

Images



SDS Page analysis of ab75333

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