

Product datasheet

Recombinant Human RGS19 protein ab101949

画像数 1

製品の概要

製品名	Recombinant Human RGS19 protein
タンパク質長	Full length protein

製品の詳細

由来	Recombinant
由来	Escherichia coli

アミノ酸配列

アクセッション番号 [P49795](#)

生物種 Human

配列 **MGSSHHHHHSSGLVPRGSHMPTPHEAEKQITGPEEADRPPSMSSHTAS  
PAAPSRNPCCLCWCCCCSCSWNQERRRAWQASRESKLQPLPSCEVCATPS  
PEEVQSWAQSFDKLMHSPAGRSVFRAFLRTEYSEENMLFWLACEELKAEA  
NQHVVDEKARLIYEDYVSILSPKEVSLDSRVREGINKKMQEPSAHTFDDA  
QLQIYTLMHRDSYPRFLSSPTYRALLLQGPSQSSSEA**

分子量	27 kDa including tags
領域	1 to 217
タグ	His tag N-Terminus

特性

Our [Abpromise guarantee](#) covers the use of **ab101949** in the following tested applications.

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

アプリケーション	SDS-PAGE Mass Spectrometry
質量分析	MALDI-TOF
精製度	> 90 % SDS-PAGE. ab101949 is purified using conventional chromatography techniques.
製品の状態	Liquid

## 保存方法および安定性

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Preservative: None

Constituents: 10% Glycerol, PBS, pH 7.4

## 関連情報

### 機能

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.

### 組織特異性

Highest expression in lung. Placenta, liver and heart also express high levels of GAIP.

### 配列類似性

Contains 1 RGS domain.

### 翻訳後修飾

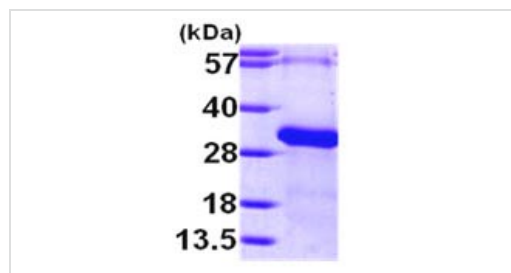
Fatty acylated. Heavily palmitoylated in the cysteine string motif.

Phosphorylated, mainly on serine residues.

### 細胞内局在

Membrane.

## 画像



15% SDS-PAGE analysis of 3µg ab101949.

SDS-PAGE - RGS19 protein (ab101949)

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

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