

Recombinant Human RGS19 protein ab101949

1 图像

描述	
产品名称	重组人RGS19蛋白
纯度	> 90 % SDS-PAGE. ab101949 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>P49795</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMPTPHEAEKQITGP EEADRP PSMSSHDTAS PAAPSRNPCCLCWCCCCSCSWNQERRRAWQASRESKLQPLPS CEVCATPS PEEVQSWAQSFDKLMHSPAGRSVFRAFLRTEYSEENMLFWLA CEELKAEA NQHVVDEKARLIYEDYVSILSPKEVSLDSRVREGINKKMQEP SAHTFDDA QLQIYTLMHRDSYPRFLSSPTYRALLLQGPSQSSSEA
预测分子量	27 kDa including tags
氨基酸	1 to 217
标签	His tag N-Terminus

技术指标	
Our <u>Abpromise guarantee</u> 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.	
应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

制备和贮存

稳定性和存储

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

pH: 7.40

Constituents: PBS, 10% Glycerol (glycerin, glycerine)

常规信息

功能

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.

组织特异性

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

序列相似性

Contains 1 RGS domain.

翻译后修饰

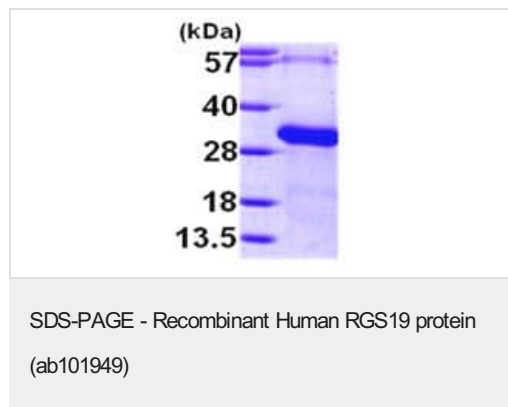
Fatty acylated. Heavily palmitoylated in the cysteine string motif.

Phosphorylated, mainly on serine residues.

细胞定位

Membrane.

图片



15% SDS-PAGE analysis of 3µg ab101949.

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