

Product datasheet

Recombinant Human RGS1 protein ab126697

1 Image

Overview

Product name	Recombinant Human RGS1 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	Q08116
Species	Human

Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSHMRAAAI STPKLDKMPG MFFSANPKEL KGTTHSLDD KMQKRRPKTF GMDMKAYLRS MIPHLESGMK SSKSKDVLSA AEVMQWSQSL EKLLANQTGQ NVFGSFLKSE FSEENIEFWL ACEDYKKTES DLLPCKAEEI YKAFVHSDAA KQINIDFRTR ESTAKKIKAP TPTCFDEAQK VIYTLMEKDS YPRFLKSDIY LLLLNDLQAN SLK</p>
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Molecular weight	26 kDa including tags
Amino acids	1 to 209
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab126697** in the following tested applications.

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

Applications	<p>SDS-PAGE</p> <p>Mass Spectrometry</p>
Mass spectrometry	MALDI-TOF
Purity	<p>> 90 % SDS-PAGE.</p> <p>ab126697 is purified by conventional chromatography techniques.</p>
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: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol, 0.88% Sodium chloride

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. This protein may be involved in the regulation of B-cell activation and proliferation.

Tissue specificity

B-cell specific. Expression is relatively low in B-cells and chronic lymphocytic leukemia B-cells; however, in other types of malignant B-cell such as non-Hodgkin lymphoma and hairy cell leukemia, expression is constitutively high.

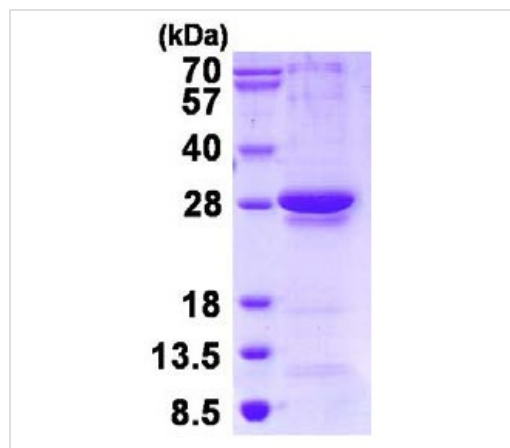
Sequence similarities

Contains 1 RGS domain.

Post-translational modifications

Could be phosphorylated. Might be functionally regulated by protein kinase(s).

Images



15% SDS-PAGE analysis of 3 µg of ab126697 (RGS1 protein).

SDS-PAGE - Recombinant Human RGS1 protein
(ab126697)

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