Datasheet for ABIN7279374

RGS2 Protein (AA 1-211) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	RGS2
Protein Characteristics:	AA 1-211
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGS2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	RGS2, 1-211aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	RGS2
Alternative Name:	RGS2 (RGS2 Products)
Background:	RGS2, also known as G0S8, is a RGS family member and regulatory molecules that act as GTPase activating proteins for G alpha subunits of heterotrimeric G proteins. This protein inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Recombinant human RGS2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional

Target Details

	chromatography techniques. Synonyms: Regulator of G-protein signaling 2 24kDa, G0S8. NCBI no.: NP_002914
Molecular Weight:	26.5 kDa (231aa) confirmed by MALDI-TOF (molecular weight on SDS-PAGE will appear higher)
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling, Brown Fat Cell Differentiation

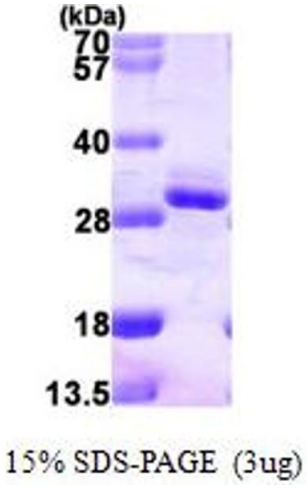
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.
Storage:	4 °C

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.

