

Datasheet for ABIN667548

RGS17 Protein (AA 1-210) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	RGS17
Protein Characteristics:	AA 1-210
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGS17 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	RGS17, 1-210aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	RGS17
Alternative Name:	RGS17 (RGS17 Products)
Background:	RGS17, also known as regulator of G-protein signaling 17, attenuates the signaling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. It plays an important role in termination of

Target Details

	signalling by mu opioid receptors and development of tolerance to opioid analgesic drugs. Recombinant human RGS17 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: Regulator of G-protein signaling 17, hRGS17, RGS-17, RGSZ2. NCBI no.: NP_036551
Molecular Weight:	26.5 kDa(230aa), 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

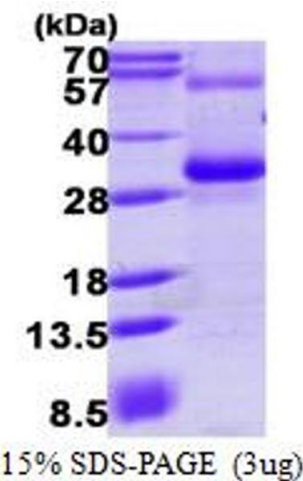
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1.0 mg/ml (determined by Bradford assay)
Buffer:	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.1M NaCl,1mM DTT
Storage:	4 °C

Images



SDS-PAGE
Image 1.