

Datasheet for ABIN667524

RGS5 Protein (AA 1-181) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	RGS5
Protein Characteristics:	AA 1-181
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGS5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	RGS5, 1-181aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	RGS5
Alternative Name:	RGS5 (RGS5 Products)
Background:	RGS5, also known as regulator of G-protein signaling 5, binds directly to activated G alpha subunits and act as GTPase-activating proteins(GAPs) to attenuate and/or modulate hormone and neurotransmitter receptor-initiated signaling by both G alpha-GTP and G beta gamma. Vascular endothelial cells express the RGS protein RGS5, where it correlates with capillary morphogenesis, thus rendering it a candidate gene involved in capillary growth, angiogenesis,

Target Details

and also potentially the pathophysiology of stroke. Recombinant human RGS5 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 5, MST092, MST106, MST129, MSTP032, MSTP092, MSTP106, MSTP129. NCBI no.: NP_003608

Molecular Weight: 23.5 kDa (205aa), confirmed by MALDI-TOF

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

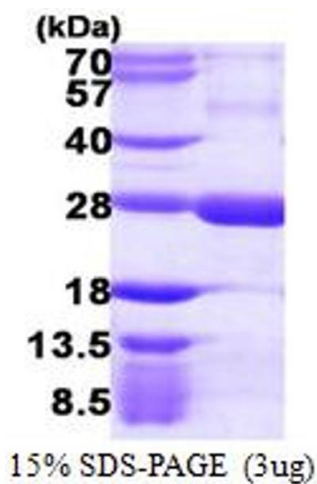
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Storage: 4 °C

Images



SDS-PAGE

Image 1.