

Product datasheet for AR39084PU-N

RGS10 (1-181, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

| Product Type: | Recombinant Proteins |
|--|--|
| Description: | RGS10 (1-181, His-tag) human recombinant protein, 0.1 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | <u>MGSSHHHHHH SSGLVPRGSH MGSH</u> MFNRAV SRLSRKRPPS DIHDSDGSSS SSHQSLKSTA KWAASLENLL EDPEGVKRFR EFLKKEFSEE NVLFWLACED FKKMQDKTQM QEKAKEIYMT FLSSKASSQV NVEGQSRLNE KILEEPHPLM FQKLQDQIFN LMKYDSYSRF LKSDLFLKHK RTEEEEEDLP DAQTAAKRAS RIYNT |
| Tag: | His-tag |
| Predicted MW: | 23.7 kDa |
| Concentration: | lot specific |
| Purity: | >90% |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 0.1M NaCl |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human RGS10 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | <u>NP_001005339</u> |
| Locus ID: | 6001 |
| UniProt ID: | <u>043665</u> |
| Cytogenetics: | 10q26.11 |

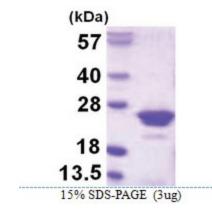


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

GRIGENE RGS10 (1-181, His-tag) Human Protein – AR39084PU-N

Summary: Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 10 belongs to this family. All RGS proteins share a conserved 120-amino acid sequence termed the RGS domain. This protein associates specifically with the activated forms of the two related G-protein subunits, G-alphai3 and G-alphaz but fails to interact with the structurally and functionally distinct G-alpha subunits. Regulator of G protein signaling 10 protein is localized in the nucleus. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US