

## Product datasheet for **AR09398PU-N**

### RGS16 / RGSR (1-202, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	RGS16 / RGSR (1-202, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MCRTLAAFPT TCLERAKEFK TRLGIFLHKS ELGCDTGSTG KFEWGSKHSK ENRNFSFDVL GWRESFDLLL SSKNGVAAFH AFLKTEFSEE NLEFWLACEE FKKIRSATKL ASRAHQIFEE FICSEAPKEV NIDHETRELT RMNLQTATAT CFDAQAQKTR TLMEKDSYPR FLKSPAYRDL AAQASAASAT LSSCSLDEPS HT
Tag:	His-tag
Predicted MW:	24.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant RGS16 protein, fused to His-tag, 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_002919</u>
Locus ID:	6004
UniProt ID:	<u>O15492</u>
Cytogenetics:	1q25.3
Synonyms:	A28-RGS14; A28-RGS14P; RGS-R



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**Summary:**

The protein encoded by this gene belongs to the 'regulator of G protein signaling' family. It inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits. It also may play a role in regulating the kinetics of signaling in the phototransduction cascade. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Product images:**