

## Product datasheet for **AR09750PU-N**

### RGS19 (1-217, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	RGS19 (1-217, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MPTPHEAEKQ ITGP EEADRP PSMSSHTAS PAAPSRNPCC LCWCCCCSCS WNQERRRAWQ ASRESKLQPL PSCEVCATPS PEEVQSWAQS FDKLMHSPAG RSVFRAFLRT EYSEENMLFW LACEELKAEA NQHVVDEKAR LIYEDYVSIL SPKEVSLDSR VREGINKKMQ EPSAHTFDDA QLQIYTLMHR DSYPRFLSSP TYRALLLQGP SQSSSEA
Tag:	His-tag
Predicted MW:	26.7 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: PBS, pH 7.4, containing 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RGS19 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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_005864</u>
Locus ID:	10287
UniProt ID:	<u>P49795</u>
Cytogenetics:	20q13.33
Synonyms:	GAIP; RGSGAIP



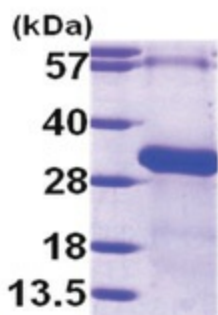
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**Summary:**

G proteins mediate a number of cellular processes. The protein encoded by this gene belongs to the RGS (regulators of G-protein signaling) family and specifically interacts with G protein, GAI3. This protein is a guanosine triphosphatase-activating protein that functions to down-regulate Galpha i/Galpha q-linked signaling. Alternatively spliced transcript variants encoding the same protein isoform have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Product images:**

15% SDS-PAGE (3ug)