

Product datasheet for **AR09915PU-S**

RGS2 (1-211, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RGS2 (1-211, His-tag) human recombinant protein, 10 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MQSAMFLAVQ HDCRPMDKSA GSGHKSEEKR EKMKRTLLKD WKTRLSYFLQ NSSTPGPKPT GKSKSQAFI KSPPEAQLW SEAFDELLAS KYGLAAFRAF LKSEFCEENI EFWLACEDFK KTKSPQKLSS KARKIYTDFI EKEAPKEINI DFQTKLIAQ NIQEATSGCF TTAQKRVYSL MENNSYPRFL ESEFYQDLCK KPQITTEPHA T
Tag:	His-tag
Predicted MW:	26.5 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 10% glycerol, 2 mM DTT, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RGS2 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_002914</u>
Locus ID:	5997
UniProt ID:	<u>P41220, A0A024R939</u>
Cytogenetics:	1q31.2
Synonyms:	G0S8



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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 2 belongs to this family. The protein acts as a mediator of myeloid differentiation and may play a role in leukemogenesis. [provided by RefSeq, Aug 2009]

Protein Families:

Druggable Genome

Product images: