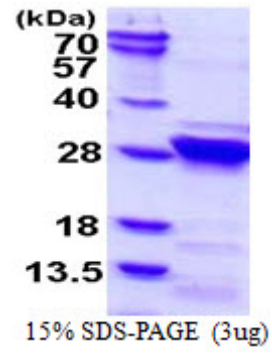


**AR39100PU-N****Human RGS4 (1-205, His-tag) - Purified**

<b>Alternate names:</b>	RGP4, Regulator of G-protein signaling 4
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	1.0 mg/ml (determined by Bradford assay)
<b>Background:</b>	RGS4 (regulator of G protein signaling 4) is a protein which regulates G protein signaling. 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. Heterotrimeric G proteins function to relay information from cell surface receptors to intracellular effectors.
<b>Uniprot ID:</b>	<a href="#">P49798</a>
<b>NCBI:</b>	<a href="#">NP_005604</a>
<b>GeneID:</b>	<a href="#">5999</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >90% <b>Buffer System:</b> 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 10% glycerol, 200mM NaCl
<b>Description:</b>	Recombinant human RGS4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. <b>AA Sequence:</b> <u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> MCKGLAGLPA SCLRSKDMK HRLGFLLQKS DSCEHNSSHN KKDKVVICQR VSQEEVKKWA ELENLISHE CGLAAFKAFL KSEYSEENID FWISCEEYKK IKSPSKLSPK AKKIYNEFIS VQATKEVNLD SCTREETS RN MLEPTITCFD EAQKKIFNLM EKDSYRRFLK SRFYLDLVNP SSCGAEKQKG AKSSADCASL VPQCA <b>Molecular weight:</b> 25.4 kDa (225aa), confirmed by MALDI-TOF
<b>Storage:</b>	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. Shelf life: one year from despatch.
<b>General Readings:</b>	Chowdari K.V., et al. (2002) Hum. Mol. Genet. 11:1373-1380.

Pictures:



RGS4, 1-205aa, Human, His-tagged

