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Product datasheet for AR39110PU-N

RGS5 (1-181, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RGS5 (1-181, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMCKGLA ALPHSCLERA KEIKIKLGIL LQKPDSVGDL VIPYNEKPEK PAKTQKTSLD EALQWRDSLD KLLQNNYGLA SFKSFLKSEF SEENLEFWIA CEDYKKIKSP AKMAEKAKQI YEEFIQTEAP KEVNIDHFTK DITMKNLVEP SLSSFDMAQK RIHALMEKDS LPRFVRSEFY QELIK
Tag:	His-tag
Predicted MW:	23.5 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 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RGS5 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:	NP_001182232
Locus ID:	8490
UniProt ID:	O15539
Cytogenetics:	1q23.3
Synonyms:	MST092; MST106; MST129; MSTP032; MSTP092; MSTP106; MSTP129

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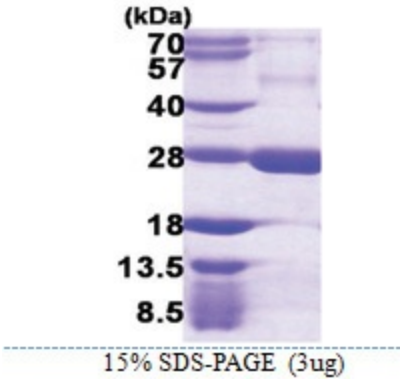
Summary: This gene encodes a member of the regulators of G protein signaling (RGS) family. The RGS proteins are signal transduction molecules which are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators. This gene is a hypoxia-inducible factor-1 dependent, hypoxia-induced gene which is involved in the induction of endothelial apoptosis. This gene is also one of three genes on chromosome 1q contributing to elevated blood pressure. Alternatively spliced transcript variants have been identified. [provided by RefSeq, Dec 2011]

Protein Families: Druggable Genome

Product images:



15% SDS-PAGE (3ug)