

Product datasheet for **AR39044PU-N**

RAB4A / RAB4 (1-218, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RAB4A / RAB4 (1-218, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSQTAMSETY DFLFKFLVIG NAGTGKSCLL HQFIEKKFKD DSNHTIGVEF GSKIINVGGK YVKLQIWDTA GQERFRSVTR SYRGAAGAL LVDITSRET YNALTNWLT D ARMLASQNV IILCGNKKDL DADREVTFL E ASRFAQENEL MFLETSALTG ENVEEAFVQC ARKILNKIES GELDPERMGS GIQYGDAALR QLRSPPRAQA PNAQECGC
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 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RAB4A 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_001258927</u>
Locus ID:	5867
UniProt ID:	<u>P20338, A0A087WYT5</u>
Cytogenetics:	1q42.13
Synonyms:	HRES-1; HRES-1/RAB4; HRES1; RAB4



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Summary:

This gene is a member of the largest group in the Ras superfamily of small GTPases, which regulate membrane trafficking. The encoded protein is associated with early endosomes and is involved in their sorting and recycling. The protein also plays a role in regulating the recycling of receptors from endosomes to the plasma membrane. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2012]

Protein Families:

Druggable Genome

Protein Pathways:

Endocytosis

Product images: