

Product datasheet for **AR09771PU-L**

RAB6A / RAB6 (1-208, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RAB6A / RAB6 (1-208, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH MGS</u> <u>HMSTGGD FGNPLRKFKL VFLGEQSVGK TSLITRFMYD SFDNTYQATI GIDFLSKTMY LEDRTIRLQL WDTAGQERFR SLIPSYIRDS AA</u> <u>AVVYDIT NVNSFQQTTK WIDDVRTERG SDVIIMLVGN KTDLADKRQV SIEEGERKAK ELNVMFIETS AKAGYNVKQL FRRVAAALPG MESTQDRSRE DMIDIKLEKP QE</u> <u>QPVSEGGC SC</u>
Tag:	His-tag
Predicted MW:	26.1 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, 1 mM DTT, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RAB6A 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_001230647</u>
Locus ID:	5870
UniProt ID:	<u>P20340, Q53ET8</u>
Cytogenetics:	11q13.4
Synonyms:	RAB6



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Summary:

This gene encodes a member of the RAB family, which belongs to the small GTPase superfamily. GTPases of the RAB family bind to various effectors to regulate the targeting and fusion of transport carriers to acceptor compartments. This protein is located at the Golgi apparatus, which regulates trafficking in both a retrograde (from early endosomes and Golgi to the endoplasmic reticulum) and an anterograde (from the Golgi to the plasma membrane) directions. Myosin II is an effector of this protein in these processes. This protein is also involved in assembly of human cytomegalovirus (HCMV) by interacting with the cellular protein Bicaudal D1, which interacts with the HCMV virion tegument protein, pp150. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011]

Protein Families:

Druggable Genome

Product images: