

Product datasheet for **AR09840PU-N**

RAB1A / RAB1 (1-205, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RAB1A / RAB1 (1-205, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSSMNPEYDY LFKLLIGDS GVGKSCLLLR FADDDYTESY ISTIGVDFKI RTIELDGKTI KLQIWDTAGQ ERFRTITSSY YRGAHGIIVV YDVTDQESFN NVKQWLQEID RYASENVNKL LVGNKCDLTT KKVVDYTTAK EFADSLGIPF LETSAKNATN VEQSFMTMAA EIKKRMGPGA TAGGAEKSNV KIQSTPVKQS GGGCC
Tag:	His-tag
Predicted MW:	24.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS-PAGE
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 RAB1A 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_004152</u>
Locus ID:	5861
UniProt ID:	<u>P62820, Q5U016</u>
Cytogenetics:	2p14
Synonyms:	RAB1; YPT1



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Summary:

This gene encodes a member of the Ras superfamily of GTPases. Members of the gene family cycle between inactive GDP-bound and active GTP-bound forms. This small GTPase controls vesicle traffic from the endoplasmic reticulum to the Golgi apparatus. Multiple alternatively spliced transcript variants have been identified for this gene which encode different protein isoforms. [provided by RefSeq, Oct 2008]

Protein Families:

Druggable Genome

Product images: