

**AR39044PU-L****Human RAB4A / RAB4 (1-218, His-tag) - Purified**

<b>Alternate names:</b>	Rab-4A, Ras-related protein Rab-4A
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml (determined by Bradford assay)
<b>Background:</b>	RAB4A belongs to the small GTPase superfamily. RAB4A has been shown to interact with STX4, RAB11FIP1, RABEP1, CD2AP and KIF3B. Rab4 is also involved in the translocation of glucose transporter (Glu4) in adipocytes in response to insulin. Overexpression of Rab4 causes a redistribution of receptors on plasma membrane versus endocytic compartments.
<b>Uniprot ID:</b>	<a href="#">P20338</a>
<b>NCBI:</b>	<a href="#">NP_004569</a>
<b>GeneID:</b>	<a href="#">5867</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 20% glycerol, 0.1M NaCl, 1mM DTT
<b>Description:</b>	Recombinant human RAB4A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. <b>AA Sequence:</b> <u>MGSSHHHHHH</u> SSGLVPRGSH MSQTAMSETY DFLFKFLVIG NAGTGKSCLL HQFIEKKFKD DSNHTIGVEF GSKIINVGGK YVKLQIWDTA GQERFRSVTR SYYRGAAGAL LVYDITSRET YNALTNWLT D ARMLASQNI V IILCGNKKDL DADREVT FLE ASRFAQENEL MFL ETSAL TG ENVEEAFVQC ARKILNKIES GELDPERMGS GIQYGDAALR QLRSPRAQA PNAQECGC <b>Molecular weight:</b> 26.5 kDa (238aa), 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>	Li L. et al. (2001) J Biol Chem. 276:5265-73. Lindsay AJ.. et al. (2002) J Biol Chem. 277:12190-9.

**Pictures:**

Recombinant human RAB4A, 1-218aa, His-tagged

