

## RAB11A Human

**Description:** RAB11A Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 249 amino acids(1-213a.a.) and having a molecular mass of 28.1 kDa. RAB11A protein is fused to a 36 amino acid His tag at N-terminus and is purified by standard chromatography.

**Catalog #:** PRPS-833

For research use only.

**Synonyms:** RAB11, YL8, Ras-related protein Rab-11A, RAB11A.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMGTR  
DDEYDYLKFK VLIGDSGVGK SNLLSRFTRN EFNLESKSTI GVEFATRSIQ VDGKTIKAQI  
WDTAGQERYR AITSAYYRGA VGALLVYDIA KHLTYENVER WLKELRDHAD SNIVIMLVGN  
KSDLRHLRAV PTDEARAF AE KNGLSFIETS ALDSTNVEAA FQITLTIYR IVSQKQMSDR  
RENDMSPSNN VV

**Purity:** Greater than 90% as determined by SDS-PAGE.

**Formulation:**

RAB11A Human solution containing 20mM Tris-HCl pH-8, 1mM DTT, 1mM EDTA & 20% glycerol.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

RAB11A is part of the small GTPase superfamily, Rab family. RAB11A is related with both constitutive and regulated secretory pathways, and takes part in protein transport. RAB11A is a well-known marker for protein trafficking, sorting, and recycling in the endosomal pathway. RAB11A is a main regulator of membrane delivery during cytokinesis.

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