

RAB4A Human

Description: RAB4A produced in E.Coli is a single, non-glycosylated polypeptide chain containing 238 amino acids (1-218 a.a) and having a molecular mass of 26.5kDa. RAB4A is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-878

For research use only.

Synonyms: Ras-related protein Rab-4A, RAB4A, RAB4, HRES-1/RAB4.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHH SSGLVPRGSH MSQTAMSETY DFLFKFLVIG
NAGTGKSCLL HQFIEKKFKD DSNHTIGVEF GSKIINVGGK YVKLQIWDTA GQERFRSVTR
SYYRGAAGAL LVDITSRET YNALTNWLT D ARMLASQNIV IILCGNKKDL DADREVTFL
ASRFAQENEL MFLETSALTG ENVEEAFVQC ARKILNKIES GELDPERMGS GIQYGDAALR
QLRSPRAQA PN

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

RAB4A protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

Stability:

RAB4A Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Usage:

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

Introduction:

RAB4A is a member of the small GTPase superfamily. RAB4A interacts with STX4, RAB11FIP1, RABEP1, CD2AP and KIF3B. In addition, Rab4 is involved in the translocation of glucose transporter (Glu4) in adipocytes in response to insulin. Rab4 overexpression causes a redistribution of receptors on plasma membrane versus endocytic compartments.

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