

RAB5A Human

Description: RAB5A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 215 amino acids and having a molecular mass of 23kDa.

Catalog #: PRPS-597

Synonyms: Ras-related protein Rab-5A, RAB5A, RAB5.

For research use only.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MASRGATRPN GPNTGNKICQ FKLVLGESA VGKSSLVLR
VKGQFHEFQE STIGAAFLTQTVCLDDTTVK FEIWDTAGQE RYHSLAPMY RGAQAIVVY
DITNEESFAR AKNWVKELQRQASPNIVIAL SGNKADLANK RAVDFQEAQS YADDNSLLFM
ETSAKTS MNV NEIFMAIAKKLPKNEPQNPG ANSARGRGVD LTEPTQPTRN QCCSN.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The protein solution contains 20mM Tris-HCl pH-8.

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). 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:

RAB5A is a member of RAS oncogene family. The small GTPase, RAB5A is a crucial regulatory component of the endocytic pathway. Activation of RAB5A is mediated by GDP-GTP exchange factors (GEFs) that generate the Rab5-GTP complex. RAB5A is required for the fusion of plasma membranes and early endosomes.

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