

RAB35 Human

Description: RAB35 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 221 amino acids (1-201 a.a.) and having a molecular mass of 25.2kDa. RAB35 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-942

For research use only.

Synonyms: Ras-related protein Rab-35, GTP-binding protein RAY, Ras-related protein Rab-1C, RAB35, RAB1C, RAY.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MARDYDHLFK LLIIGDSGVG
KSSLLLRFD NTFSGSYITT IGVDFKIRTV EINGEKVKLQ IWDTAGQERF RTITSTYYRG
THGVIVYDV TSAESFVNK RWLHEINQNC DDVCRILVGN KNDDPERKVV ETEDAYKFAG
QMGIQLFETS AKENVNVEEM FNCITELVLR AKKDNLAQQ QQQQNDVVKL TKNSKRKKRC C.

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

Formulation:

RAB35 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.15M NaCl and 1mM DTT.

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:

NeoBiolabs 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:

Ras-related protein Rab-35 (RAB35) is restricted to the plasma membrane and endocytic compartments and controls a fast endocytic recycling pathway. Inhibition of Rab35 function leads to the accumulation of endocytic markers on numerous cytoplasmic vacuoles in cells that failed cytokinesis, which is consistent with a central requirement for Rab35-regulated recycling during cell division.

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