

RAB1B Human

Description: RAB1B Human Recombinant fused with a 20 amino acid His tag at N-terminus 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 24.3kDa. The RAB1B is purified by proprietary chromatographic techniques.

Catalog #: PRPS-052

For research use only.

Synonyms: Ras-related protein Rab-1B, RAB1B.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MNPEYDYLFK LLLIGDSGVG
KSCLLLRFD DTYTESYIST IGVDFKIRTI ELDGKTIKLQ IWDTAGQERF RTITSSYYRG
AHGIIVVYDV TDQESYANVK QWLQEIDRYA SENVNKLLVG NKSDLTTKKV VDNTTAKEFA
DSLGIFFLET SAKNATNVEQ AFMTMAAEIK KRMGPGAASG GERPNLKIDS TPVKPAGGGC C.

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

Formulation:

The RAB1B solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0) and 10% 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. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

RAB1B belongs to the RAB protein family, these proteins are low molecular mass monomeric GTPases localized on the cytoplasmic surfaces of distinct membrane bound organelles. RAB1B protein functions in the early secretory pathway and is essential for vesicle transport between the endoplasmic reticulum (ER) and Golgi.

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