

RHOB Human

Description: RHOB produced in E.Coli is a single, non-glycosylated polypeptide chain containing 213 amino acids (1-193 a.a.) and having a molecular mass of 23.9kDa (Molecular weight on SDS-PAGE will appear higher). RHOB is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-231

For research use only.

Synonyms: Rho-related GTP-binding protein RhoB, Rho cDNA clone 6, h6, RHOB, ARH6, ARHB, RHOH6, MST081, MSTP081.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MAIRKKLVV VGDGACGKTC
LLIVFSKDEF PEVYVPTVFE NYVADIEVDG KQVELALWDT AGQEDYDRLR PLSYPD TDVI
LMCFSVDS PD SLENIPEKWV PEVKHFCPNV PIILVANKKD LRSDEHVRTE LARMKQEPVR
TDDGRAMAVR IQAYDYLECS AKTKEGVREV FETATRAALQ KRYGSQNGCI NCC.

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

Formulation:

RHOB protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 0.2mM NaCl.

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:

Rho-related GTP-binding protein RhoB (RhoB) belongs to the Rho GTP-binding protein family. RhoB facilitates apoptosis in neoplastically transformed cells after DNA damage. RhoB has a negative role in tumorigenesis since deletion causes tumor formation.

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