

RhoB, 1-193aa, Human, His tag, E.coli

Cat.NO.: TP03734

3th Edition

Synonyms:Rho-related GTP-binding protein RhoB, ARH6, ARHB, MST081, MSTP081, RHOH6

Description:Rho-related GTP-binding protein RhoB, also known as RhoB, is a member of the Rho GTP-binding protein family. RhoB mediates apoptosis in neoplastically transformed cells after DNA damage. It plays a negative role in tumorigenesis as deletion causes tumor formation. Recombinant human RhoB protein, fused to His-tag at Nterminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT,20% glycerol, 0.2mM NaCl

Molecular Weight:23.9kDa (213aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHHSSGLVPRGSHMAAIRKKLVVVGDGACGKTCLLIVFSKDEFPEVYVPTVFENYVADIEVDGKQVELA
LWDTAGQEDYDRLRPLSYPD TDVILMCFSDSPDLENIPKWWPEVKHFPCPNVPIILVANKKDLRSDEHVRTELAR
MKQEPVRTDDGRAMAVRIQAYDYLECSAKTKEGVREVFETATRAALQKRYGSQNGCINCC

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.