

AR09779PU-N**Human RALB (1-203, His-tag) - Purified****Alternate names:**

Ral-B, Ras-related protein Ral-B

Quantity:

50 µg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

RALB, also called Ras-related protein Ral-B, belongs to subfamily of Ras-related GTPases. This protein is activated by a unique nucleotide exchange factor, Ral GDS, and deactivated by a distinct GTPase-activating protein. It plays a role in the late stages of cytokinesis and is required for the abscission of the bridge joining the sister cells emerging from mitosis. Also it is required for suppression of apoptosis.

Uniprot ID:[P11234](#)**NCBI:**[NP_002872](#)**GeneID:**[5899](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >90%**Buffer System:** 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl, 1mM DTT**Description:**

Recombinant human RALB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSHMAANKS KGQSSLALHK VIMVGSGGVG KSALTQLFMY
DEFVEDYEPT KADSYRKKVV LDGEEVQIDI LDTAGQEDYA AIRDNYFRSG EGFLLVFSIT
EHESFTATAE FREQILRVKA EEDKIPLLVV GNKSDLEERR QVPVEEARSK AEEWGVQYVE
TSAKTRANVD KVFFDLMREI RTKKMSENKD KNGKKSSKNK KSFKERC

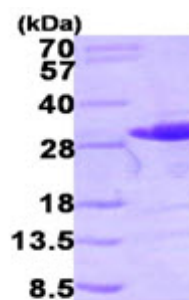
Molecular weight: 25.6 kDa (227aa), confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

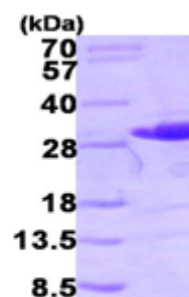
Shelf life: one year from despatch.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human RALB, 1-203aa, His-tagged



15% SDS-PAGE (3ug)