

Recombinant Human RALB, His-tagged

Cat. No. RALB-3390H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RALB protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography. MW = 25.6 kDa (227aa).
Species	Human
Source	E.coli
Protein Length	1-203 a.a.
Description	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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT.
Purity	> 90% by SDS - PAGE.
Concentration	1.0 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MGSMAANKS KGQSSLALHK VIMVGSGGVG KSALTQLQFMY DEFVEDYEPT KADSYRKKVV LDGEEVQIDI LDTAGQEDYA AIRDNYFRSG EGFLLVFSIT EHESFTATAE FREQILRVKA EEDKIPLLVV GNKSDLEERR QVPVEEARSK AEEWGVQYVE TSAKTRANVD KVFFDLMRI

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RTKKMSENKD KNGKKSSKNK KSFKERK.

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.

Pathways

Pancreatic cancer; Pathways in cancer; Signalling by NGF

GENE INFORMATION

Gene Name

RALB v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein) [Homo sapiens]

Synonyms

v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein); RALB; ras-related protein Ral-B; OTTHUMP00000204385; OTTHUMP00000207264; RAS-like protein B; GTP binding protein

Gene ID

5899

mRNA Refseq

NM_002881

Protein Refseq

NP_002872

MIM

179551

UniProt ID

P11234

Chromosome Location

2cen-q13

Function

GTP binding; GTPase activity; nucleotide binding; protein binding

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