

32-4593: Recombinant Human V-ral Simian Leukemia Viral Oncogene Homolog B

Alternative Name : Ras-related protein Ral-B,RALB.

Description

Source : Escherichia Coli. RALB Human Recombinant fused with a 24 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 227 amino acids (1-203 a.a.) and having a molecular mass of 25.6kDa. The RALB is purified by proprietary chromatographic techniques. Ras-related protein Ral-B (RALB) is a member of a subfamily of Ras-related GTPases. RALB is activated by a unique nucleotide exchange factor, Ral GDS, and deactivated by a distinct GTPase-activating protein. RALB has a role in the late stages of cytokinesis and is required for the abscission of the bridge joining the sister cells emerging from mitosis. In addition, RALB is required for suppression of apoptosis.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The RALB solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHEMAANKS KGQSSLALHK VIMVGSGGVG KSALTLQFMY DEFVEDYEPT KADSYRKKVV LDGEEVQIDI LDTAGQEDYA AIRDNYFRSG EGFLLVFSIT EHESFTATAE FREQILRVKA EEDKIPLLVV GNKSDLEERR QVPVEEARSK AEEWGVQYVE TSAKTRANVD KVFFDLMREI RTKKMSENKD KNGKKSSKNK KSFKERC.