
Product Data Sheet

Product Name: RALB Human
 Cat. No.: GP24325
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ras-related protein Ral-B; RALB.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAANKS KGQSSLALHK VIMVGSGGVG KSALTQLQFMY DEFVEDYEPT KADSYRKKV LDGEEVQIDI LDTAGQEDYA AIRDNYFRSG EGFLVFSIT EHESFTATAE FREQILRVKA EEDKIPLLV GNKSDLEERR QVPVEEARSK AEEWGVQYVE TSAKTRANVD KVFFDLMREI RTKKMSENKD KNGKKSSKNK KSKERC.		
Formulation	The RALB solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT.		

Introduction

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.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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