

**RALB, 1-203aa, Human, His tag, E.coli**

**Cat.NO.: TP03665**

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3th Edition

**Synonyms:**Ras-related protein Ral-B

**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 GTPaseactivating 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.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT

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

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSHMAANKSKGQSSLALHKVIMVGS GG V GK SALT LQ FMYDEFVEDYEPTKADS  
YRKKVLDGEEVQIDLDTAGQEDYAAIRDNYFRSGEGFLLVFSITEHESFTATAEFREQILRVKAEEDKIPLL VVGNK  
SDLEERRQVPVEEARSKAEWGVQYVETSAKTRANVDKVFDFLMREIRTKKMS ENKDKNGKKSSKNKKSFKERC

**Purity:**> 95% by HPLC

**Concentration:**1mg/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.