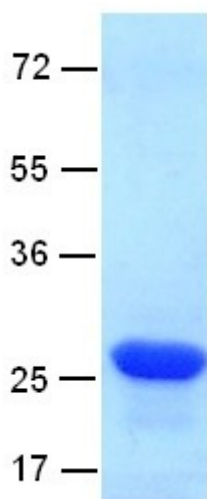


RALB PROTEIN**RalB Protein****Cat. #:** 10169**Product Name:** RalB Protein**Synonyms:** v-ral simian leukemia viral oncogene homolog B**Source:** Human, recombinant full length, His6-tag**Expression Host Species:** E. coli**Molecular Weight:** 23 kDa**Purity:** >95% by SDS-PAGE**Introduction:** The Ras-like small G proteins, RalA/B, are important components of Ras signaling pathways, implicated in the initiation and maintenance of tumorigenic transformation, as well as vesicle transport, apoptosis, transcription, cell migration, and cell proliferation.**Amino Acid Sequence** (1-206)

MAANKSKGQSSLALHKVIMVGSGGVGKSALTQLQFMYDEFVEDYEPTKADSYRKKVVLDGEEVQIDIL
DTAGQEDYAAIRDNYFRSGEGFLLVFSITEHESFTATAEFREQILRVKAEEDKIPLLVGNGKSDLEE
RRQVPVEEARSKAEEWGVQYVETSAKTRANVDKVFFDLRMREIRTKKMSENKDKNGKKSSKNKKSFKERCCL

Properties**Physical Appearance (form):** Dissolved in 20mM Tris-HCl, pH8.0, 150mM NaCl.**Physical Appearance (form):** White or clear**Concentration:** 1 mg/mL**Storage:** -80°C**Preparation Instructions:**

Centrifuge the vial before open the cap and reconstitute in water. Adding of 10 mM β -mercaptoethanol or 1 mM DTT into the solution to protect the protein is recommended and using of non-ionic detergents such as n-Dodecyl β -D-maltoside (DoDM) or polyethylene detergents (e.g. C12E10) also help to stabilize the protein. Avoid repeated freezing and thawing after reconstitution. The purity of His-tagged RalB was determined by SDS- PAGE and Coomassie Brilliant Blue Staining.



References:

1. Chien, Y. et al., Cell 127: 157-170, 2006.
2. Hsieh, C.-L. et al., Somat. Cell Molec. Genet. 16: 407-410, 1990