

RALA, 1-203aa, Human, His tag, E.coli

Cat.NO.: TP03664

3th Edition

Synonyms:Ras-related protein Ral-A, RAL

Description:RALA (Ras-related protein Ral-A) belongs to the small GTPase superfamily, Ras family of proteins. RALA mediates a distinct downstream signaling pathway from Ras that facilitates cellular transformation. RALA is also thought to be involved in numerous signaling cascades, including regulation of the cytoskeleton, vesicle trafficking, and endocytosis.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 2mM DTT, 100mM NaCl, 0.1mM PMSF

Molecular Weight:25.8kDa (227aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMAANKPKGQNSLALHKVIMVGSGGVGKSALTLQFMYDEFVEDYEPTKAD
SYRKKVVLGDGEEVQIDILDTAGQEDYAAIRDNYFRSGEGFLCVFSITEMESFAATADFREQILRVKEDENVPFLLVGN
KSDLEDKRQVSVEEAKNRAEQWNVNYVETSAKTRANVDKVFDFMLREIRARKMEDSKEKNGKKKRKSLAKRIRER
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Purity:> 95% by HPLC

Concentration:0.5mg/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.