

RAB34, 1-259aa, Human, His tag E.coli

Cat.NO.: TP03636

3th Edition

Synonyms:Ras-related protein Rab-34, RAB39, RAH.

Description:RAB34, also known as ras-related protein Rab34, is localized to the plasma membrane and endocytic compartments and controls a fast endocytic recycling pathway. This protein is involved in protein transport, specifically the redistribution of lysosomes to the peri-Golgi region. In fibroblasts, this protein was colocalized with actin to the membrane ruffles and membranes of relatively large vesicles adjacent to the ruffles.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol 0.1M NaCl,1mM DTT

Molecular Weight:31.2 kDa (279aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMNILAPVRRDRVLAELPQCLRKEAALHGKDFHPRVTCACQEHRTGTVGFKISKV
IVVDLSVSGKTCLINRFCKDTFDKKNYKATIGVDFEMERFEVLGIPFSLQLWDTAGQERFKCIASTYYRGAQAIIVFNL
NDVASLEHTKQWLADALKENDPSSVLLFLVGSKKDLSTPAQYALMEKDALQVAQEMKAEYWAVSSLTGENVREFF
FRVAALTFEANVLAELEKSGARRIGDVVRINSDDSNLYLTASKKKPTCCP

Purity:> 95% by HPLC

Concentration:0.5 mg/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.