

RAB3B, 1-219aa, Human, His tag, E.coli

Cat.NO.: TP03640

3th Edition

Synonyms:Ras-related protein Rab-3B.

Description:RAB3B, member of RAS oncogene family, is a highly homologous monomeric GTPase that may play a role in endocytosis and biosynthetic protein transport. The transport of newly synthesized proteins from the endoplasmic reticulum to various stacks of the Golgi complex and to secretory vesicles involves at each stage the movement of carrier vesicles.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 20% glycerol, 2mM DTT, 0.1M NaCl.

Molecular Weight:26.9 kDa (239aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMASVTDGKTGVKDASDQNFDMFKLLIIGNSSVGKTSFLFRYADDTFTPAFVSTV
GIDFKVKTVYRHEKRVKLQIWDTAGQERYRTITTAYYRGAMGFILMYDITNEESFNAVQDWATQIKTYSWDNAQVIL
VGNKCDMEEERVVPTKEGQLLAEQLGFDFFEASAKENISVRQAFERLVDAICDKMSDSLDTDPSMLGSSKNTRLSD
TPPLLQQNCSC

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.