

RAB31, 1-195aa, Human, His tag, E.coli

Cat.NO.: TP03634

3th Edition

Synonyms:RAB31, member RAS oncogene family, Rab22B.

Description:RAB31, also known as RAB22B, is a 194 amino lipid-anchored protein that localizes to the cytoplasmic side of the cell membrane and belongs to the Rasrelated GTPase superfamily. Expressed at high levels in lung, brain and heart, RAB31 may function in a similar manner to other Rab proteins, namely playing a role in protein transport. Recombinant human RAB31 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 30% glycerol

Molecular Weight:25.9 kDa (232aa), confirmed by MALDI-TOF

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHMMAIRELKVCLLGDTGVGKSSIVCRFVQDHFHDHNIS
PTIGASFMTKTVPCGNELHKFLIWDTAGQERFHSLAPMYRGSAAAVIVYDITKQDSFYTLKKWVKELKEHGPNIV
MAIAGNKCDLSDIREVPLKDAKEYAESIGAIIVVETSAKNAINIEELFQGISRQIPPLDPHENGNGTIKVEKPTMQASR
RCC

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.