

RAB27B, 1-218aa, Human, His tag, E.coli

Cat.NO.: TP03631

3th Edition

Synonyms:Ras-related protein Rab-27B, C25KG

Description:RAB27B belongs to the RAB family and is a critical regulator of vesicular transport. This protein is expressed in pituitary tissue, but is more significantly expressed in brain and spleen. RAB27B may be functionally redundant to Rab27a, as it can rescue Rab27a mutants. Recombinant human RAB27B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl,1mM DTT, 10% glycerol

Molecular Weight:26.7 kDa (238aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMTDGDYDYLIKLLALGDSGVGKTTFLYRYTDNKFNPKFITTVGIDFREKRVVYNAQ
GPNSSGKAFKVLHLQLWDTAGQERFRSLTTAFFRDAMGFLMFDLTSQQSFLNVRNWMSQLQANAYCENPDIVLI
GNKADLPDQREVNERQARELADKYGIPYFETSAATGQNVEKAVETLLDLIMKRMEQCVEKTQIPDTVNGGNSGNLD
GEKPPEKKCIC

Purity:> 95% by HPLC

Concentration:1 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.