

RAB6B, 1-208aa, Human, His tag, E.coli

Cat.NO.: TP03648

3th Edition

Synonyms:Ras-related protein Rab-6B, RAB6B, member RAS oncogene family

Description:RAB6B, also known as ras-related protein Rab-6B, belongs to Rab6 family of the small GTPase superfamily. The Rab6 subfamily consists of three different isoforms: Rab6A, Rab6A' and Rab6B. Both Rab6A and Rab6A' are ubiquitously expressed whereas Rab6B is predominantly expressed in brain. Rab6 is a key regulator in the retrograde transfer from endosomes via the Golgi to the ER and may function in retrograde transport in neuronal cells.

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

Molecular Weight:25.6 kDa (228aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMSAGGDFGNPLRKFKLVFLGEQSVGKTSLITRFMYDSFDNTYQATIGIDFLSKTMY
LEDRTVRLQLWDTAGQERFRSLIPSYIRDSTVAVVVYDITNLNSFQQTSKWIDDVRTERGSDVIIMLVGNKTDLADKR
QITIEEGEQRAKELSVMIETSAKTGYNVKQLFRRVASALPGMENVQEKSKEGMIDIKLDPQEPPEGGCSC

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.