

Rab5a, 1-215aa, Human, Recombinant, E.coli

Cat.NO.: TP03644

3th Edition

Synonyms:RAB5A, member RAS oncogene family, RAB5

Description:Rab5a is a member of RAS oncogene family. The small GTPase, Rab5a is a crucial regulatory component of the endocytic pathway. Activation of Rab5a is mediated by GDP-GTP exchange factors (GEFs) that generate the Rab5-GTP complex. Recombinant human Rab5a was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid in 20mM Tris (pH 8.0)

Molecular Weight:23 kDa (215 aa)

Sequences:

MASRGATRPNGPNTGNKICQFKLVLLGESAVGKSSLVLRVFKGQFHEFQESTIGAAFLTQTVCLDDTTVKFEIWDTA
GQERYHSLAPMYRGAQAAIVVYDITNEESFARAKNWVKELQRQASPNIVIALSGNKADLANKRAVDFQEAQSYAD
DNSLLFMETSAKTSMNVNEIFMAIAKKLPKNPQNPGANSARGRGVDLTEPTQPTRNQCCSN

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.