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RAB5B, 1-215aa, Human, His tag, E.coli

产品货号: TP03645

第三版

别名:Ras-related protein Rab-5B

描述:Ras-related protein Rab-5B, also known as RAB5B, is a member of the Rab family of small (monomeric) G proteins. RAB5B is involved in endocytosis and recycling of cell surface molecules. It interacts with RIN2 and RIN3, which regulate its function, possibly by acting as GEFs. Knockdown of RAB5B abolished group I metabotropic glutamate receptor (mGluR)-mediated neuroprotection. Recombinant human RAB5B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,20% glycerol, 0.2M NaCl

分子量:26.1 kDa (238aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMTSRSTARPNQPPQASKICQFKLVLLGESAVGKSSLVLRVFKGQFHEYQESTIGAAF
LTQSVCLDDTTVKFEIWDTAGQERYHSLAPMYRGAQAAIVVYDITNQETFARAKTWVKELQRQASPSIVIALAGNKADL
ANKRMVEYEEAQAYADDNSLLFMETSAKTAMNVNDLFLAIKKLPKSEPQNLGGAAGRSGVDLHEQSQQNKSQCCSN

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.