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RAB3A, 1-220aa, Human, His tag, E.coli

产品货号: TP03639

第三版

别名: Ras-related protein Rab-3A

描述: Rab3A belongs to the small GTPase superfamily, Rab family. It is a small, Ras-like GTPase expressed in neuroendocrine cells, in which it is associated with secretory vesicle membranes and regulates exocytosis. This protein could play a role in neurotransmitter release by regulating membrane flow in the nerve terminal. Recombinant human RAB3A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

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

分子量: 27.1 kDa (240aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMASATDSRYGQKESDQNFDMFKILIIIGNSSVGKTSFLFRYADDSFTPAFVSTVGIDFKV
KTIYRNDKRIKLQIWDTAGQERYRTITTTAYYRGAMGFILMYDITNEESFNAVQDWSTQIKTYSWDNAQVLLVGNKCDME
DERVVSSERGRQLADHLGFEFFEASAKDNINVKQTFERLVDVICEKMSESLDTADPAVTGAKQGPQLSDQQVPPHQDCA
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纯度: > 95% by HPLC

浓度: 0.5 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.