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RAB2A, 1-212aa, Human, His tag, E.coli

产品货号: TP03632

第三版

别名: ras-related protein Rab-2A, RAB2

描述: RAB2A (Ras-related protein Rab-2A) belongs to the small GTPase superfamily. Members of the RAB protein family are nontransforming monomeric GTP-binding proteins of the Ras superfamily that contain 4 highly conserved regions involved in GTP binding and hydrolysis. RAB proteins are also an integral part of endocytic pathways. RAB2A and RAB2B are required for protein transport from the ER to the Golgi, RAB2A is lipid-anchored to the ER-Golgi intermediate compartment membrane while RAB2B is lipid anchored to the cytoplasmic side of the cell membrane.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 100mM NaCl

分子量: 26.1kDa (236aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHSGSHMAYAYLFKYIIIGDTGVGKSCLLLQFTDKRFQPVHDLTIGVEFGARMITIDGKQIKL
QIWDTAGQESFRSITRSYYRGAAGALLVYDITRRDTFNHLTTWLEDARQHSNSNMVIMLIGNKSDLESRREVKKEEGEAF
REHGLIFMETS AKTASNVEEAFINTAKEIYEKIQEGVFDINNEANGIKIGPQHAATNATHAGNQGGQQAGGGCC

纯度: > 95% by HPLC

浓度: 0.5mg/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.