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RAN, 1-216aa, Human, His tag, E.coli

产品货号: TP03669

第三版

别名:RAN, member RAS oncogene family, ARA24, Gsp1, TC4

描述:RAN, member RAS oncogene family, also known as RAN, is a small GTPase of the Ras superfamily that controls nucleocytoplasmic transport. It is involved in the directionality of the process that is regulated by GTP hydrolysis. Ran shuttles between the nucleus and the cytoplasm. Unlike many other regulatory GTPases, Ran is not posttranslationally modified so that it can be targeted to the subcellular compartment where it acts.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

分子量:26.5 kDa (236aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAAQGEPQVQFKLVLVGDGGTGKTTFVKRHLTGEFEKKYVATLGVEVHPLVFHTNRG
PIKFNVWDTAGQEKFGLRDGYYIQAQCAIIMFDVTSRVTYKNVPNWHRLVRCENIPIVLCGNKVDIKDRKVKAKSI
VFHRKKNLQYYDISAKSNYNFEKPFLWLARKLIGDPNLEFVAMPALAPPEVVM DPALAAQYEHDLVAQTALPDEDD
L

纯度:> 95% by HPLC

浓度:1mg/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.