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NRGN, 1-78aa, Human, His tag, E.coli

产品货号: TP03198

第三版

别名: Neurogranin, hng, RC3

描述:NRGN, also known as Neurogranin, is a calmodulin-binding protein expressed exclusively in the brain, particularly in dendritic spines, and participating in the protein kinase C signaling pathway. This protein is the main postsynaptic protein regulating the availability of calmodulin, binding to it in the absence of calcium. Phosphorylation by protein kinase C lowers its binding ability. Recombinant human NRGN protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography

配方:Liquid. 20mM Tris-HCl buffer (pH7.0) containing 30% glycerol 0.1mM PMSF, 1mM EDTA

分子量:10.0 kDa(101aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSMDCCTENACSKPDDDILDIPDDPGANAAAKIQASFRGHMARKKIKSGERGRKG
PGPGGGGAGVARGGAGGGPSGD

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by BCA 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.