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PRKAR2A, 1-404aa, Human, His tag, E.coli

产品货号: TP03525

第三版

别名:cAMP-dependent protein kinase type II-alpha regulatory subunit, PKR2, PRKAR2

描述:PRKAR2A also known as cAMP-dependent protein kinase type II-alpha regulatory subunit. This subunit can be phosphorylated by the activated catalytic subunit. It may interact with various A-kinase anchoring proteins and determine the subcellular localization of cAMP-dependent protein kinase. Recombinant human PRKAR2A, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

分子量:48.6kDa (434aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMHIQIPPGLTELLQGYTVEVLRQQPPDLVEFAVEYFTRLREARAPASVLPAAATPRQ  
SLGHPPPEPGPDRVADAKGDSESEEDLEVPVPSRFNRRVSVCAETYNPDEEEDTDPRVIHPKTDEQRCRLQEACKDILL  
FKNLDQEQLSQVLDAMFERIVKADEHVIDQGDDGDNFYVIERGTYDILVTKDNQTRSVGQYDNRGSGELALMYNTPR  
AATIVATSEGLWGLDRVTFRRIVKNNAKKRKMFESFIESVPLLSLEVSRMKIVDVIGEKIYKDGRIITQGEKADSFYIIES  
GEVSILIRSRKSNKDGGNQEVEIARCHKGQYFGELALVTNKPRAASAYAVGDVKCLVMDVQAFERLLGPCMDIMKRNIS  
HYEEQLVKMFGSSVDLGNLGG

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.