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PRKACA, 1-351aa, Human, GST-tag, Baculovirus

产品货号: TP03522

第三版

别名:cAMP-dependent protein kinase catalytic subunit alpha isoform Calpha1, PRKACA, PKACA, PPNAD4

描述:PRKACA, also known as cAMP-dependent protein kinase catalytic subunit alpha isoform Calpha1, is a member of the Ser/Thr protein kinase family. It is responsible for phosphorylating other proteins and substrates, changing their activity. This protein is a member of the AGC kinase family, and contributes to the control of cellular processes that include glucose metabolism, cell division, and contextual memory. Recombinant human PRKACA protein, fused to GST-tag at N-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:67.0kDa (578aa), 50-70KDa (SDS-PAGE under reducing conditions.)

序列:

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MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYRDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTSMAIIRYIADKHNML
GGCPKERAIEISMLEGAVLDIRYGVSR IAYS KDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVV
LYMDPMCLDAFPKLVCFKKRIEAI PQIDKYLKSSKYIAWPLQG WQATFGGGDHPPKSDLVPRGSHMGNA AAAAKKGSEQE
SVKEFLAKAKEDFLKKWESPAQNTAHL DQFERIKTLGTGSFGRV MLVKHKETGNHYAMKILDKQKVVKLQIEHTLNEK
RILQAVNFPFLVKLEFSFKDNSNLYMVM EYVPGGEMFSLRRIGRFSEPHARFYAAQIVLTFEYLHSLDLIYRDLKPENLLID
QQGYIQVTDFGFAKRVKGRTWLTCGTPEYLAPEIILSKGYNKAVDWWALGVLIYEMAAGYPPFFADQPIQIYEKIVSGKV
RFP SHFSSDLKDLLRNLLQVDLTKRFGNLKNGVNDIKNHKWFATTDWIAIYQRKVEAPFIPKFKGPGDTSNFDDYEEEEIR
VSINEKCGKEFSEF
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纯度:> 95% by HPLC

浓度:0.25mg/ml (determined by Absorbance at 280nm)

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.