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Recombinant Mouse CAMK4 / CaMKIV Protein (His & GST tag)

产品货号: TP06876

第三版

别名:A430110E23Rik;AI666733;CaMKIV;CaMKIV/Gr;D18Bwg0362e

描述:Ca²⁺/calmodulin-dependent protein kinase 4 (CAMK α ϵ) belongs to the serine/threonine protein kinase family, and to the Ca²⁺/calmodulin-dependent protein kinase subfamily which is widely recognized as an essential enzyme implicated in the phosphoinositide amplification cascade. Ca²⁺/calmodulin dependent protein kinase (CAMK) can be activated by the intracellular increased Ca²⁺ and then apt to combine with the target protein. Ca²⁺/calmodulin-dependent protein kinase 4 (CAMK α ϵ) is a multifunctional CaM-dependent kinase protein with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells. All of the isoforms of this family, including myosin light chain kinase, phosphorylase kinase, CaMK1, CaMK α δ and CaMK α ϵ have EF-hand structure.

配方:PBS

分子量:80.4 kDa

序列:Met1-Tyr469

纯度:> 95% by HPLC

浓度:

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.