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PIM2, 1-311aa, Human, His tag, E.coli

产品货号: TP03408

第三版

别名: Serine/threonine-protein kinase pim-2, pim-2 oncogene

描述: Serine/threonine-protein kinase pim-2, also known as PIM2, is a serine/threonine protein kinase in the CAMK family. PIM2 is expressed in many tissues, with high levels in spleen, thymus, testis, small intestine, and colon. It is implicated in tumor phenotypes and may be involved in the formation and preservation of Long-Term Potentiation (LTP), a profuse, activity-dependent enhancement of synaptic efficacy that is implicated in long-term memory. Recombinant human PIM2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

分子量: 36.6 kDa (334aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSM LTKPLQGPPAPP GTPTPPP GGKDREAFEAEYRLG PLLGKGGFGTVFAGHRLTDRL
QVAIKVIPRNRVLGWSPLSDSVTCPLEVALLWKV GAGGGHPGVIRLLDWFETQEGFMLVLERPLPAQDLFDYITEKGPLGE
GPSRCFFGQVVAAIQHCHSRGVVHRDIKDENILIDLRRGC AKLIDFGSGALLHDEPYTDFDGT RVYSPPEWISRHQYHALP
ATVWSLGILLYDMVCGDIPFERDQEILEAELHFPAHVSPDCCALIRRCLAPKSSRPSLEEILLDPWMQTPAEDVPLNPSKGG
PAPLAWSLLP

纯度: > 95% by HPLC

浓度: 0.25 mg/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.