

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

PPM1F, 1-454aa, Human, His tag, E.coli

产品货号: TP03495

第三版

别名:Protein phosphatase 1F, CAMKP, CaMKPase, FEM-2, hFEM-2, POPX2

描述:PPM1F is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. This phosphatase can interact with Rho guanine nucleotide exchange factors (PIX), and thus block the effects of p21-activated kinase 1 (PAK), a protein kinase mediating biological effects downstream of Rho GTPases. Calcium/calmodulin-dependent protein kinase II gamma (CAMK2G/CAMK-II) is found to be one of the substrates of this phosphatase. Recombinant human PPM1F 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 0.15M NaCl, 20% glycerol, 1mM DTT.

分子量:52kDa (477aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMSSGAPQKSSPMASGAETPGFLDTLLQDFPALLNPEDPLPWKAPGTVLSQEEVEGE
LAELAMGFLGSRKAPPPLAAALAHEAVSLLQTDLSEFRKLPREEEEEEDDDEEEKAPVTL LDAQSLAQFFNRLWEVAG
QWQKQVPLAARASQRQWLVSIAIRNTRRKMEDRHVSLPSFNQLFGLSDPVNRAYFAVFDGHGGVDAARYAAVHVHT
NAARQPELPTDPEGALREAFRRTDQMFLRKAKRERLQSGTTGVCALIAGATLHVAVWLGDSQVILVQQGQVVKLMEPHR
PERQDEKARIEALGGFVSHMDCWRVNGTLAVSRAIGDVFQKPYVSGEADAASRALTGSEDYLLLACDGFDDVVPHQEVV
GLVQSHLTRQQGSLRVAEELVAAARERGSHDNITVMVVFLRDPQELLEGGNQGEGDPQAEGRQDLPSSLPEPETQAP
PRS

纯度:> 95% by HPLC

浓度:1 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.