

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。

PIM1, 38-290aa, Human, His tag, E.coli

产品货号: TP03407

第三版

别名:Non-specific serine/threonine protein kinase, PIM

描述:PIM1 belongs to the Ser/Thr protein kinase family, and PIM subfamily. This protein is expressed primarily in B-lymphoid and myeloid cell lines, and is overexpressed in hematopoietic malignancies and in prostate cancer. It plays a role in signal transduction in blood cells, contributing to both cell proliferation and survival, and thus provides a selective advantage in tumorigenesis. Both the human and orthologous mouse genes have been reported to encode two isoforms (with preferential cellular localization) resulting from the use of alternative in-frame translation initiation codons, the upstream non-AUG (CUG) and downstream AUG codons. Recombinant human Pim1 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, 10% glycerol, 1mM DTT

分子量:31.4 kDa (274aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMYQVGPLLGSQGFSGVSYSGIRVSDNLPVAIKHVEKDRISDWGELPNGTRVPMEVLLKK
VSSGFSGVIRLLDWFERPDSFVLILRPEPVQDLDFITERGALQEELARFFWQVLEAVRHCHNCGVLHRDIKDENILIDLN
RGELKLIDFGSGALLKDTVYTFDGTTRVYSPPEWIRYHRYHGRSAAVWSLIGILLYDMVCGDIPFEHDEEIIIRGQVFFRQRVS
SECQHLIRWCLALRPSDRPTFEEIQNHPWM

纯度:> 95% by HPLC

浓度:0.5 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.