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PI3, 23-117aa, Human, His tag, E.coli

产品货号: TP03402

第三版

别名:Elafin preproprotein, Cementoin, ESI, SKALP, WAP3, WFDC14

描述:PI3 is an elastase-specific protease inhibitor, which contains a WAP-type four-disulfide core (WFDC) domain, and is thus a member of the WFDC domain family. Most WFDC gene members are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. PI3 belongs to the centromeric cluster. Recombinant human PI3 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:12 kDa (118aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGS AVTGV PVKGQDTVKGRVPFNGQDPVKGQVSVKGQDKVKAQEPVKGPVSTKPGS
CPIILIRCAMLNPPNRCLKDTDCPGIKKCEGSCGMACFVPQ

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.