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Pfn1, 1-140 aa, Rat, His tag, E.coli

产品货号: TP03366

第三版

**别名:**

**描述:** Pfn1 also known as Profilin-1 is a ubiquitous actin monomer-binding protein belonging to the profilin family. This protein significantly enhances skin wound healing in-vitro and in-vivo that may be mediated by purinergic receptors. It is also active in endothelial cell migration and vessel sprouting. It is thought to regulate actin polymerization in response to extracellular signals. Recombinant rat Pfn1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In Phosphate Buffered Saline(pH 7.4) containing 10% glycerol 1mM DTT

**分子量:** 17.5 kDa (164aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSHMAGWNAYIDSLMADGTCQDAAIVGYKDSPSVWAAVPGKTFVSITPAEVGVLVG  
KDRSSFFVNGLTGGQKCSVIRDSLLQDGEFTMDLRTKSTGGAPT FNVTVTMTAKTLVLLMGKEGVHGGLINKKCYEMA  
SHLRRSQY

**纯度:** > 95% by HPLC

**浓度:** 1mg/ml (determined by Absorbance at 280nm)

**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.