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32-13361: PFN1 Rat

Alternative Name : Profilin-1, Profilin I.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
Profilin-1 also known as Pfn1 is a ubiquitous actin monomer-binding protein which is a member of the profilin family. Pfn1 significantly enhances skin wound healing in-vitro as well as in-vivo which is mediated by purinergic receptors. Furthermore, Pfn1 is also active in endothelial cell migration and vessel sprouting. Pfn1 is considered to regulate actin polymerization in response to extracellular signals.
PFN1 Rat Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 164 amino acids (1-140 a.a) and having a molecular mass of 17.5kDa. PFN1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	PFN1 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHMAGWNA YIDSLMADGT CQDAAIVGYK DSPSVWAAVP GKTFVSITPA EVGVLVGKDR SSFFVNGLTL GGQKCSVIRD SLLQDGEFTM DLRTKSTGGA PTFNVTVTMT AKTLVLLMGK EGVHGGLINK KCYEMASHLR RSQY.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.