9051 Mira Mesa Blvd, #910094
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PFN1 Rat

Profilin-1 Rat Recombinant
RCP1634

Product Overview

Name	PFN1 Rat
Description	
Profilin-1 Rat Recombinant	
Accession (Primary)	P62963
Synonyms	
Profilin-1, Profilin I.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
PFN1 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol 1mM DTT.	
Stability	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MAGWNA YIDSLMADGT CQDAAIVGYK DSPSVWAAVP GKTFVSITPA EVGVLVGKDR SSFFVNGLTL GGQKCSVIRD SLLQDGEFTM DLRTKSTGGA PTFNVTVTMT AKTLVLLMGK EGVHGGLINK KCYEMASHLR RSQY.	
Precautions	
PFN1 Rat is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P62963)