

Datasheet for ABIN935051
PFN1 Protein (AA 1-140)



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1 Image

Overview

Quantity:	100 µg
Target:	PFN1
Protein Characteristics:	AA 1-140
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MAGWNAYIDN LMADGTCQDA AIVGYKDSPS VWAAVPGKTF VNITPAEVGV LVGKDRSSFY VNGLTLGGQK CSVIRDSLLQ DGEFSMDLRT KSTGGAPTFN VTVTKDKTL VLLMGKEGVH GGLINKKCYE MASHLRRSQY
Characteristics:	Purified recombinant Human Profilin 1 protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure
Endotoxin Level:	< 1.0 EU per µg of protein (determined by LAL method)

Target Details

Target:	PFN1
Alternative Name:	Profilin 1 (PFN1 Products)

Target Details

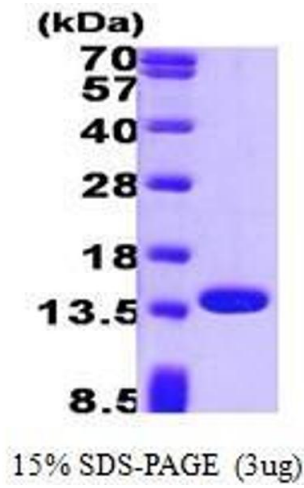
Background:	<p>Profilin 1 is a ubiquitous actin monomer-binding protein belonging to the profilin family. This protein significantly enhances skin wound healing in-vitro and in-vivo that may be mediated by purinergic receptors. It is also active in endothelial cell migration and vessel sprouting. It is thought to regulate actin polymerization in response to extracellular signals. Recombinant Profilin1 protein was expressed in E. coli and purified by using conventional chromatography techniques.</p> <p>Alternative Names: Pfn protein, Actin binding protein protein, Profilin -1, PFN1 protein, ProfilinI., PFN 1 protein, Profilin 1 protein, Profilin -1 protein, Profilin 1, Profilin 1, Profilin1 protein, Profilin I protein</p>
Molecular Weight:	15.0 kDa (140 AA)
Pathways:	Regulation of Actin Filament Polymerization , Tube Formation , Maintenance of Protein Location

Application Details

Application Notes:	Profilin 1 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 10 % glycerol.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C
Storage Comment:	Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.