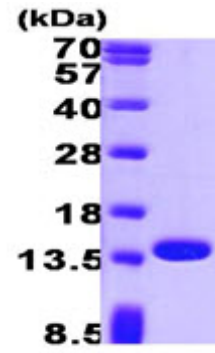


AR09259PU-L**Human Profilin-1 / PFN1 (1-140) - Purified**

Alternate names:	Profilin I
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	P07737
NCBI:	NP_005013.1
GeneID:	5216
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method)
Description:	Recombinant Profilin1 protein was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MAGWNAYIDN LMADGTCQDA AIVGYKDSPS VWAAPGKTF VNITPAEVGV LVGKDRSSFY VNGLTGGQK CSVIRDLLQ DGEFSMDLRT KSTGGAPTFN VTVTKTDKTL VLLMGKEGVH GGLINKKCYE MASHLRRSQY Molecular weight: kDa (140 aa)
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch
General Readings:	Kwiatkowski DJ, et al. (1988) J. Biol. Chem. 263(12): 5910-5. Harbeck B., et al. (2000) J. Biol. Chem. 275(40): 30817-25.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human Profilin 1, 1-140 aa:
15% SDS-PAGE (3 μ g)

