

Profilin 1 Recombinant Protein | PFN1 recombinant protein

Profilin 1, 1-140aa, Human, E Coli

CATALOG # AAA48554	HOST E Coli	APPLICATIONS SDS-Page
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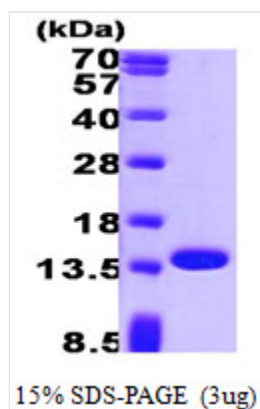
PRODUCT SYNONYMS

Profilin 1; 1-140aa; Human; E Coli; PFN1; Actin binding protein; Pfn; PFN 1; Profilin I; Profilin1; ProfilinI.; PFN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol
Concentration	1.0 mg/ml (determined by Bradford assay) (varies by lot)
Sequence Positions	1-140aa
Sequence	MAGWNAYIDN LMADGTCQDA AIVGYKDSPS VWAAPGKTF VNITPAEVGV LVGKDRSSFY VNGLTLGGQK CSVIRDSLQ DGEFSMDLRT KSTGGAPT FN VTVT KTDKTL VLLMGKEGVH GGLINKKCYE MASHLRRSQY
Applicable Applications for PFN1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag	Non-Tagged
Endotoxin Level	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation and Storage	Can be stored at 2-8°C for 1 week. For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for PFN1 recombinant protein	Profilin1 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.
Product Categories/Family for PFN1 recombinant protein	Cytoskeleton
References	Kwiatkowski DJ, et al. (1988) J. Biol. Chem. 263 (12): 5910-5; Harbeck B., et al. (2000) J. Biol. Chem. 275 (40): 30817-25.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826898
NCBI GeneID	5216
NCBI Accession #	NP_005013
NCBI GenBank Nucleotide #	NM_005022.3
UniProt Accession #	P07737; Q53Y44
Molecular Weight	15.0 kDa (140aa), confirmed by MALDI-TOF.
NCBI Official Full Name	profilin-1
NCBI Official Synonym Full Names	profilin 1
NCBI Official Symbol	PFN1
NCBI Official Synonym Symbols	ALS18
NCBI Protein Information	profilin-1
UniProt Protein Name	Profilin-1
UniProt Gene Name	PFN1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pfn1-recombinant-protein-e-coli-sds-page/48554>