

Recombinant Human PFN3 protein, His & T7-tagged

Cat. No. PFN3-1399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFN3 aa. (Met1~Arg133 (Accession # P60673) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Arg133
Description	The product of this gene belongs to the profilin family of proteins. This protein binds to actin and affects the structure of the cytoskeleton. It also may be involved in spermatogenesis. It is a single exon gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.0kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.8.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

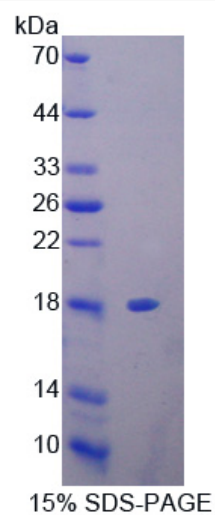
Gene Name	PFN3 profilin 3 [Homo sapiens (human)]
Official Symbol	PFN3
Synonyms	PFN3; profilin 3; profilin-3; profilin III
Gene ID	345456
mRNA Refseq	NM_001029886.2
Protein Refseq	NP_001025057.1
UniProt ID	P60673

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SDS-PAGE



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