

Recombinant Human PFN2 Protein

Cat. No. PFN2-644H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFN2, transcript variant 1, was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. There are two alternatively spliced transcript variants encoding different isoforms described for this gene.
Form	Lyophilized from a 0.2 M filtered solution of 20mM Tris, 150mM NaCl, pH 8.0
Molecular Mass	15kD
AA Sequence	MAGWQSYVDNLMCDGCCQEAAIVGYCDAKYVWAATAGGVFQSITPIEIDMIVGKDR EGFFTNGLLALGAKKCSVIRDSLYVDGDCTMDIRTKSQGGEPTYNVAVGRAGRVLVF VMGKEGVHGGGLNKKAYSMAYKLRDSGF
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the

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lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name	PFN2 profilin 2 [Homo sapiens]
Official Symbol	PFN2
Synonyms	PFN2; profilin 2; profilin-2; profilin II; PFL; D3S1319E;
Gene ID	5217
mRNA Refseq	NM_002628
Protein Refseq	NP_002619
MIM	176590
UniProt ID	P35080

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