

Recombinant Human PFN1 Protein

Cat. No. PFN1-884H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFN1 was produced in E. coli.
Species	Human
Source	E.coli
Description	Profilin (15kDa) regulates the G-actin pool by sequestration of actin monomers. Thus profilin controls the growth of actin filaments, and is thus an essential regulator of cellular locomotion and cell shape changes. Profilin is negatively regulated by phospholipids (PIP2, InsP3), reversed by phospholipase C.
Form	150mM NaCl, 20mM Hepes pH 7.4, 1mM DTT and 5% sucrose, when reconstituted with 50µltrapure water to obtain a 1.0 mg/ml solution.
Molecular Mass	15kDa
Purity	>95% by scanning densitometry from Coomassie G-250 stained SDS-Gels.
Storage	Profilin is stored at –70 centigrade upon arrival will be stable in performance for at least 6 months from the date of purchase. The solubilized protein is kept on ice and should be stored at -20 centigrade in glycerol or CryoProtect (Cat.#: 6011-01). Avoid repeated freeze / thaw cycles.
Shipping	At ambient temperature. Upon delivery store at -70 centigrade.

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GENE INFORMATION

Gene Name	PFN1 profilin 1 [Homo sapiens]
Official Symbol	PFN1
Synonyms	PFN1; profilin 1; profilin-1; profilin I;
Gene ID	5216
mRNA Refseq	NM_005022
Protein Refseq	NP_005013
MIM	176610
UniProt ID	P07737

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