

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	<p>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.</p> <p>Profilin is negatively regulated by phospholipids (PIP2, InsP3), reversed by phospholipase C.</p>
Form	150mM NaCl, 20mM Hepes pH 7.4, 1mM DTT and 5% sucrose, when reconstituted with 50µl ultrapure 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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