

Recombinant Human PFN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PFN1-3109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PFN1 MS Standard C13 and N15-labeled recombinant protein (NP_005013) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the profilin family of small actin-binding proteins. The encoded protein plays an important role in actin dynamics by regulating actin polymerization in response to extracellular signals. Deletion of this gene is associated with Miller-Dieker syndrome, and the encoded protein may also play a role in Huntington disease. Multiple pseudogenes of this gene are located on chromosome 1.
Molecular Mass	15.1 kDa
AA Sequence	MAGWNAYIDNLMADGTCQDAAIVGYKDSPSVWAAVPGKTFVNITPAEVGVLVGKDR SSFYVNGLTGGQKCSVIRDSLLQDGEFSMDLRTKSTGGAPTFNVTVTKTDKTLVLL MGKEGVHGGLINKKCYEMASHLRRSQYTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PFN1 profilin 1 [Homo sapiens (human)]

Official Symbol PFN1

Synonyms PFN1; profilin 1; profilin-1; profilin I;

Gene ID 5216

mRNA Refseq NM_005022

Protein Refseq NP_005013

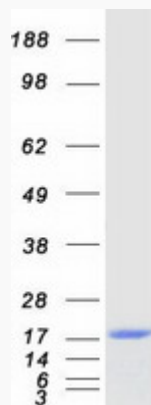
MIM 176610

UniProt ID P07737

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SDS-PAGE

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