

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

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

## SPECIFICATION

<b>Product Overview</b>	PFN1 MS Standard C13 and N15-labeled recombinant protein (NP_005013) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	15.1 kDa
<b>AA Sequence</b>	MAGWNAYIDNLMADGTCQDAAIVGYKDSPSVWAAVPGKTFVNITPAEVGVLVGKDR SSFYVNLTLGGQKCSVIRDSLLQDGEFMSMDLRTKSTGGAPTFNVTVTKTDKTLVLL MGKEGVHGGLINKKCYEMASHLRRSQYTRTRPLEQKLISEEDLAANDILDYKDDDDK V
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	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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