

Recombinant Human PFN1 protein, His-tagged

Cat. No. PFN1-90H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFN1 protein, fused to His-tag, was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	Supplied as a 0.2 µm filtered solution in 30mM Tris, 300 mM NaCl, pH9.0.
Molecular Mass	~16.1 kDa
AA Sequence	MAGWNAYIDNLMADGTCQDAAIVGYKDSPSVWAAVPGKTFVNITPAEVGVLVGKDR SSFYVNGLTGGQKGSVIRDSLLQDGEFSMDLRTKSTGGAPTFNVTVTKTDLVLL MGKEGVHGGGLINKKCYEMASHLRRSQYLEHHHHHH
Purity	>90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Concentration 0.28 mg/mL

GENE INFORMATION

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

Official Symbol PFN1

Synonyms ALS18

Gene ID 5216

mRNA Refseq NM_001375991

Protein Refseq NP_001362920

MIM 176610

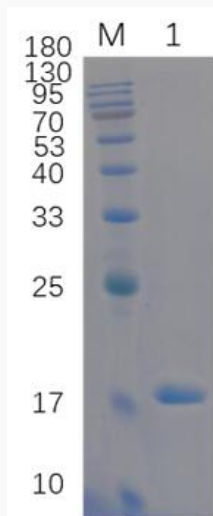
UniProt ID P07737

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SDS-PAGE



12% reducing SDS-PAGE analysis of purified PFN1-C71G (approximately 1 mg protein loaded).

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