

Recombinant Human PFN2, His-tagged

Cat. No. PFN2-30344TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Profilin 2 with an N-terminal His Tag; 160 amino acids with tag, MWt 17.2kDa.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. There are two alternatively spliced transcript variants encoding different isoforms described for this gene.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MAGWQSYVDN LMCDGCCQEA AIVGYCDAKY VWAATAGGVF QSITPIEIDM IVGKDREGFF TNGALGAKK CSVIRDSLYV

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DGDCTMDIRT KSQGGEPTYN VAVGRAGRVL VFVMGKEGVH GGGLNKKAYS
MAKYLRDSGF

Full Length Full L.

GENE INFORMATION

Gene Name PFN2 profilin 2 [Homo sapiens]

Official Symbol PFN2

Synonyms PFN2; profilin 2; profilin-2;

Gene ID 5217

mRNA Refseq NM_002628

Protein Refseq NP_002619

MIM 176590

Uniprot ID P35080

Chromosome Location 3q25.1

Pathway Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Regulation of actin cytoskeleton, organism-specific biosystem; Regulation of actin cytoskeleton, conserved biosystem; Salmonella infection, organism-specific biosystem;

Function actin binding; phosphatidylinositol-4,5-bisphosphate binding; protein binding;

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