Recombinant Human PFN1 protein, T7/His-tagged

Cat. No. PFN1-234H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PFN1 cDNA (2 – 140 aa) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-140 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Sucrose.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGGEFAGWNAYIDNLMADGTCQDAAIVGYK DSPSVWAAVPGKTFVNITPAE VGVLVGKDRSSFYVNGLTLGGQKCSVIRDSLLQDG EFSMDLRTKSTGGAPTFNVTVTKTDKTLVLLMGKEGVHGG LINKKCYEMASHLRRS QY
Purity	>90% by SDS-PAGE
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION

Gene Name	PFN1 profilin 1 [Homo sapiens]

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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
Chromosome Location	17p13.2
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; G13 Signaling Pathway, organism-specific biosystem; Hemostasis, organism-specific biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem; Platelet degranulation, organism-specific biosystem; Regulation of Actin Cytoskeleton, organism-specific biosystem;
Function	Rho GTPase binding; actin binding; phosphatidylinositol-4,5-bisphosphate binding; proline-rich region binding; receptor binding;

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