

Recombinant Human PFN1 Protein (Met1-Gln139), His tagged

Cat. No. PFN1-4873H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PFN1 (Met1-Gln139) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gln139
Description	Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP2, it inhibits the formation of IP3 and DG. Inhibits androgen receptor (AR) and HTT aggregation and binding of G-actin is essential for its inhibition of AR.
Form	Lyophilized powder/frozen liquid
Molecular Mass	16.54 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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	date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

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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