

Profilin-2 Human Recombinant

Item Number	rAP-4574
Synonyms	Profilin-II, PFN2, Profilin-2, PFL, D3S1319E.
Description	PFN2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 160 amino acids (1-140 a.a.) and having a molecular mass of 17.2 kDa. PFN2 protein is fused to a 20 amino acid His-Tag at N-terminus and purified by standard chromatography.
Uniprot Accession Number	P35080
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAGWQSYVDN LMCDGCCQEA AIVGYCDAKY VWAATAGGVF QSIT-PIEIDM IVGKDREGFF TNGALGAKK CSVIRDSLYV DGDCTMDIRT KSQGGEPTYN VAVGRAGRVL VFVMGKEGVH GGGLNKKAYS MAKYLRDSGF.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	PFN2 protein solution (1mg/ml) containing 20mM Tris-HCl pH-8, 1mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**