

Profilin-1 Rat Recombinant

Item Number	rAP-4572
Synonyms	Profilin-1, Profilin I.
Description	PFN1 Rat Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 164 amino acids (1-140 a.a) and having a molecular mass of 17.5kDa.
Uniprot Accession Number	P62963
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMAGWNA YIDSLMADGT CQDAAIVGYK DSPSVWAAVP GKTFVSITPA EVGVLVGKDR SSFFVNLTL GGQKCSVIRD SLLQDGEFTM DLRTKSTGGA PTFNVTVTMT AK- TLVLLMGK EGVHGGLINK KCYEMASHLR RSQY.
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	PFN1 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol 1mM DTT. Greater than 95.0% 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**