

## 32-4443: Recombinant Human Profilin-4

**Alternative Name :** PFN-4, Profilin-IV, Profilin4.

### Description

Source : Escherichia Coli. PFN4 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 149 amino acids (1-129 a.a.) and having a molecular mass of 16.4 kDa. PFN4 protein is fused to a 20 amino acid His tag at N-terminus and purified by standard chromatography. PFN4 is a small actin-binding protein that participates in the dynamic turnover and restructuring of the actin cytoskeleton. PFN4 is localized in all eukaryotic organisms in the majority of cells. PFN4 is crucial for spatially and temporally controlled growth of actin microfilaments, which is a necessary process in cellular locomotion and cell shape changes.

### Product Info

<b>Amount :</b>	25 µg
<b>Purification :</b>	Greater than 95% as determined by SDS-PAGE.
<b>Content :</b>	PFN4 Human solution containing 20mM Tris HCL pH-8, 1mM DTT and 10% glycerol.
<b>Storage condition :</b>	PFN4 Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSSLVPRGSH MSHLQSLLLD TLLGTKHVDS AALIKIQERS LCVASPGFNV TPSDVRTLNV GFAKNPLQAR REGLYFKGKD YRCVRADEYS LYAKNENTGV VVKTHLYLL VATYTEGMYP SICVEATESL GDYLRKKGS.