9051 Mira Mesa Blvd, #910094
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PFN4 Human

Profilin-4 Human Recombinant
RCP1636

Product Overview

Name	PFN4 Human
Description	
Profilin-4 Human Recombinant	
Accession (Primary)	Q8NHR9
Synonyms	
PFN-4, Profilin-IV, Profilin4.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
PFN4 Human solution containing 20mM Trsi HCL pH-8, 1mM DTT and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MSHLQSLLLD TLLGTKHVDS AALIKIQERS LCVASPGFNV TPSDVRTLVN GFAKNPLQAR REGLYFKGKD YRCVRADEYS LYAKNENTGV VVVKTHLYLL VATYTEGMYP SICVEATESL GDYLRKKGS.	
Precautions	
PFN4 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q8NHR9)