9051 Mira Mesa Blvd, #910094
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PFN2 Human

Profilin-2 Human Recombinant
RCP1635

Product Overview

Name	PFN2 Human
Description	
Profilin-2 Human Recombinant	
Accession (Primary)	P35080
Synonyms	
Profilin-II, PFN2, Profilin-2, PFL, D3S1319E.	
Introduction	
PFN2 is a ubiquitous actin monomer-binding protein which is part of the profilin family. PFN2 regulates actin polymerization in response to extra cellular signals. PFN2 binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, while it increases it at low concentrations. PFN2 binds to PIP2, it inhibits the formation of IP3 and DG.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
PFN2 protein solution (1mg/ml) containing 20mM Tris-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 MAGWQSYVDN LMCDGCCQEA AIVGYCDAKY VWAATAGGVF QSITPIEIDM IVGKDREGFF TNGLALGAKK CSVIRDSLYV DGDCTMDIRT KSQGGEPTYN VAVGRAGRVL VFVMGKEGVH GGGLNKKAYS MAKYLRDSGF.	
Precautions	
PFN2 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P35080)