9051 Mira Mesa Blvd, #910094
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PFDN1 Human

Prefoldin Subunit 1 Human Recombinant
RCP1628

Product Overview

Name	PFDN1 Human
Description	
Prefoldin Subunit 1 Human Recombinant	
Accession (Primary)	O60925
Synonyms	
Prefoldin subunit 1, PFDN1, PFD1, PDF.	
Introduction	
PFDN1 is one of 6 subunits of prefoldin, which is a heterohexameric chaperone protein that assists in the proper folding of other proteins. The PFDN1 protein delivers nonnative target proteins, primarily actins and tubulins, to the eukaryotic cytosolic chaperonin for facilitated folding. Defects in PFDN1 presented phenotypes typical of defects in cytoskeletal function, including manifestations of ciliary dyskinesia, neuronal loss, and defects in B and T cell development and function.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The PFDN1 solution (0.5 mg/ml) contains 20mM Tris-HCl Buffer (pH 8.0) and 20% 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MTELQAKVID TQQKVKLADI QIEQLNRTKK HAHLTDTEIM TLVDETNMYE GVGRMFILQS KEAIHSQLLE KQKIAEEKIK ELEQKKSYLE RSVKEAEDNI REMLMARRAQ.	
Precautions	
PFDN1 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (O60925)