

AR09709PU-S**Human PFDN1 (14-122, His-tag) - Purified**

Alternate names:	PFD1, Prefoldin subunit 1
Quantity:	10 µg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	PFDN1 is one of six subunits of prefoldin, a heterohexameric chaperone protein which assists in the correct folding of other proteins. This protein delivers nonnative target proteins, principally actins and tubulins, to the eukaryotic cytosolic chaperonin for facilitated folding. Defects in PFDN1 displayed phenotypes characteristic of defects in cytoskeletal function, including manifestations of ciliary dyskinesia, neuronal loss, and defects in B and T cell development and function.
Uniprot ID:	O60925
NCBI:	NP_002613
GeneID:	5201
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% Buffer System: 20 mM Tris-HCl Buffer (pH 8.0) containing 20% Glycerol
Description:	Recombinant human PFDN1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: <u>MGSSHHHHHH SSGLVPRGSH</u> MTELQAKVID TQQKVKLADI QIEQLNRTKK HAHLTDTEIM TLVDETNYE GVGRMFIQS KEAHSQLE KQKIAEEKIK ELEQKKSYLE RSVKEAEDNI REMLMARRAQ Molecular weight: kDa (130aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Ruley HE., et al. (2008) J Immunol. 181(1):476-84. Cowan NJ., et al (2004) J Biol Chem. 279(6):4196-203.

Pictures:

Recombinant human PFDN1, 14-122aa,
His-tagged

