

Recombinant Human Prefoldin Subunit 2, His-tagged

Cat. No. PFDN2-2857H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PFDN2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. MW = 18.8kDa (174aa) confirmed by MALDI-TOF.
Species	Human
Source	E.coli
Description	PFDN2 (Prefoldin subunit 2) is a member of the prefoldin beta subunit family. The encoded protein is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. This protein binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. And binds to nascent polypeptide chain and promotes folding in an environment in which there are many competing pathways for nonnative proteins.
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MAENSGRAGK SSGSGAGKGA VSAEQVIAGF NRLRQEQRGL ASKAAELEME LNEHSLVIDT LKEVDETRKC YRMVGGVLVE RTVKEVLPAL ENNKEQIQKI IETLTQQLQA KGKELNEFRE KHNIRLMGED EKPAAKENSE GAGAKASSAG VLVS
Purity	> 90% by SDS – PAGE.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT, 50mM NaCl.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	0.5mg/ml (determined by Bradford assay).
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
GENE INFORMATION	
Gene Name	PFDN2 prefoldin subunit 2 [Homo sapiens]
Synonyms	PFDN2; prefoldin subunit 2; PFD2; prefoldin 2
Gene ID	5202
mRNA Refseq	NM_012394
Protein Refseq	NP_036526
MIM	611099
UniProt ID	Q9UHV9
Chromosome Location	1q23.3
Function	protein binding; unfolded protein binding