

## Recombinant Human Prefoldin Subunit 2, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Sequences Of Amino Acids</b>	MGSSHHHHHH SGLVPRGSH MAENSGRAGK SSGSGAGKGA VSAEQVIAGF NRLRQEQRGL ASKAAELEME LNEHSLVIDT LKEVDETRKC YRMVGGVLVE RTVKEVLPAL ENNKEIQKI IETLTQQLQA KGKELNEFRE KHNIRLMGED EKPAAKENSE GAGAKASSAG VLVS
<b>Purity</b>	> 90% by SDS – PAGE.
<b>Form</b>	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](mailto: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

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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