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## Product Data Sheet

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Product Name: PFDN4 Human  
 Cat. No.: GP24168  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Prefoldin Subunit 4; PFD4; C1; Prefoldin 4; Protein C-1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MAATMKKAAA EDVNVTFEDQ QKINKFARNT SRITELKEEI EVKKKQLQNL EDACDDIMLA DDDCLMIPYQ IGDVFIHSQ EETQEMLEEA KKNLQEEIDA LESRVESIQR VLADLKVQLY AKFGSNINLE ADES		
Formulation	The PFDN4 protein solution (1mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH7.5), 50mM NaCl, 1mM DTT and 10% glycerol.		

### Introduction

PFDN4 belongs to the prefoldin beta subunit family. PFDN4 is a heterohexameric chaperone protein that can capture unfolded actin and is a possible transcription factor. Six prefoldin polypeptides, prefoldin 1-6, are known.

### 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. Please avoid freeze thaw cycles.

### Background

PFDN4 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 154 amino acids (1-134.a.a) and having a molecular mass of 17.4kDa. PFDN4 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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