

Recombinant Human Prefoldin Subunit 4, His-tagged

Cat. No. PFDN4-3404H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PFDN4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	Prefoldin subunit 4, also known PFDN4, is a member of the prefoldin beta subunit family. PFDN4 is a heterohexameric chaperone protein which has the ability to capture unfolded actin and is a possible transcription factor. Six prefoldin polypeptides, prefoldin 1-6, have been identified.
Form	Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 1mM DTT, 10% glycerol, 50mM NaCl.
Molecular Weight	17.4 kDa (154aa) confirmed by MALDI-TOF.
Purity	> 90% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MAATMKKAAA EDVNVTFEDQ QKINKFARNT SRI TELKEEI EVKKKQLQNL EDACDDIMLA DDDCLMIPYQIGDVFISHSQ EETQ EML EEA KKNLQEEIDA LESRVESIQR VLADLKVQLY AKFGSNINLE ADES.

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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.
Pathways	Metabolism of proteins
GENE INFORMATION	
Gene Name	PFDN4 prefoldin subunit 4 [Homo sapiens]
Synonyms	prefoldin subunit 4; C1; PFD4; PFDN4;prefoldin subunit 4; prefoldin 4; protein C-1; Protein C-1; C-1
Gene ID	5203
mRNA Refseq	NM_002623
Protein Refseq	NP_002614
MIM	604898
UniProt ID	Q9NQP4
Chromosome Location	20q13.2
Function	chaperone binding; unfolded protein binding