

Recombinant Human PFDN4, His-tagged

Cat. No. PFDN4-26970TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PFDN4 with an N terminal His tag ; mwt: 17.4 kDa;
Species	Human
Source	E.coli
ProteinLength	134 amino acids
Description	This gene encodes 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. The complex, consisting of two alpha and four beta subunits, forms a double beta barrel assembly with six protruding coiled-coils.
Conjugation	HIS
Molecular Weight	17.400kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 50mM Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 7.5

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

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MAATMKKAAA EDVNVTFEDQ QKINKFARNT SRITELKEEI EVKKKQLQNL EDACDDIMLA DDDCLMIPYQ IGDVFISHSQ EETQEMLEEA KKNLQEEIDA LESRVESIQR VLADLKVQLY AKFGSNINLE ADES
Sequence Similarities	Belongs to the prefoldin subunit beta family.
GENE INFORMATION	
Gene Name	PFDN4 prefoldin subunit 4 [Homo sapiens]
Official Symbol	PFDN4
Synonyms	PFDN4; prefoldin subunit 4; prefoldin 4; C 1; C1; PFD4;
Gene ID	5203
mRNA Refseq	NM_002623
Protein Refseq	NP_002614
MIM	604898
Uniprot ID	Q9NQP4
Chromosome Location	20q13.2
Pathway	Chaperonin-mediated protein folding, organism-specific biosystem; Cooperation of

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Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem;
Metabolism of proteins, organism-specific biosystem; Prefoldin mediated transfer of
substrateto CCT/TriC, organism-specific biosystem; Protein folding, organism-specific
biosystem;

Function

chaperone binding; unfolded protein binding;

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