

Recombinant Human PFDN1, His-tagged

Cat. No. PFDN1-26969TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment (amino acids 14 - 122) of Human PFDN1 with an N terminal His-tag.
Species	Human
Source	E.coli
ProteinLength	109 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	15.000kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: 0% NoneConstituents: 20% Glycerol, 20mM Tris HCl, pH 8.0

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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 MTELQAKVID TQQKVKLADI QIEQLNRTKK HAHLTDTEIM TLVDETNYE GVGRMFILQS KEAHSQLE KQKIAEEKIK ELEQKKSYLE RSVKEAEDNI REMLMARRAQ
GENE INFORMATION	
Gene Name	PFDN1 prefoldin subunit 1 [Homo sapiens]
Official Symbol	PFDN1
Synonyms	PFDN1; prefoldin subunit 1; prefoldin 1; PFD1;
Gene ID	5201
mRNA Refseq	NM_002622
Protein Refseq	NP_002613
MIM	604897
Uniprot ID	O60925
Chromosome Location	5q31
Pathway	Chaperonin-mediated protein folding, organism-specific biosystem; Cooperation of Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Prefoldin mediated transfer of

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substrateto CCT/TriC, organism-specific biosystem; Protein folding, organism-specific biosystem;

Function

sequence-specific DNA binding transcription factor activity; unfolded protein binding;

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