

Recombinant Human PFDN1 protein, His & T7-tagged

Cat. No. PFDN1-8030H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFDN1 aa. (Met1~Gln122 (Accession # O60925)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Gln122
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

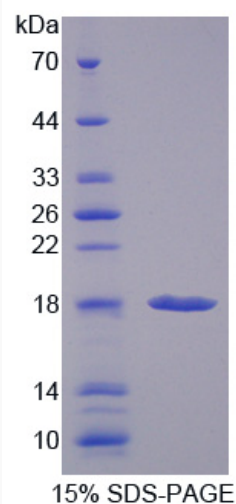
Gene Name	PFDN1 prefoldin subunit 1 [Homo sapiens (human)]
Official Symbol	PFDN1
Synonyms	PDF; PFD1; prefoldin 1; prefoldin subunit 1
Gene ID	5201
mRNA Refseq	NM_002622.4
Protein Refseq	NP_002613.2
UniProt ID	O60925

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SDS-PAGE



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