

Recombinant Human PFDN2, His-tagged

Cat. No. PFDN2-28101TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-154 of Human PFDN2 with N terminal His tag, 20kDa.
Species	Human
Source	E.coli
ProteinLength	1-154 a.a.
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
Form	Lyophilised:Reconstitute with 100 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	MAENSGRAGKSSGSGAGKGAVS AEQVIAGFNRLRQEQRGL ASKAAELEMELNEH

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acids SLVIDTLKEVDETRKCYRMVGGVL VERTVKEVLPALENNKEIQKIIETLTQQLQAKG
KELNEFREKHNIRLMGEDEKPAAKENSEGAGAKASSAGVLVS

Full Length Full L.

GENE INFORMATION

Gene Name PFDN2 prefoldin subunit 2 [Homo sapiens]

Official Symbol PFDN2

Synonyms PFDN2; prefoldin subunit 2; prefoldin 2;

Gene ID 5202

mRNA Refseq NM_012394

Protein Refseq NP_036526

MIM 613466

Uniprot ID Q9UHV9

Chromosome Location 1q23.3

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

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Function

unfolded protein binding;

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