

## Product datasheet for PH300584

### PFDN1 (NM\_002622) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PFDN1 MS Standard C13 and N15-labeled recombinant protein (NP_002613)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200584
Predicted MW:	14.2 kDa
Protein Sequence:	>RC200584 protein sequence Red=Cloning site Green=Tags(s)  MAAPVDLELKKAFTELQAKVIDTQQKVKLADIQIEQLNRTKKHAHLTDTEIMTLVDETNYEGVGRMFIL QSKEAIHSQLLLEKQKIAEEKIKELEQKKSYLERSVKEAEDNIREMLMARRAQ  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_002613</a>
RefSeq Size:	1324
RefSeq ORF:	366
Synonyms:	PDF; PFD1
Locus ID:	5201
UniProt ID:	<a href="#">O60925</a>
Cytogenetics:	5q31.3



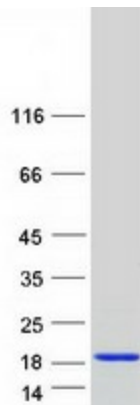
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**Summary:**

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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Transcription Factors

**Product images:**

Coomassie blue staining of purified PFDN1 protein (Cat# [TP300584]). The protein was produced from HEK293T cells transfected with PFDN1 cDNA clone (Cat# [RC200584]) using MegaTran 2.0 (Cat# [TT210002]).