

## Product datasheet for PH304553

### PFDN2 (NM\_012394) Human Mass Spec Standard

#### Product data:

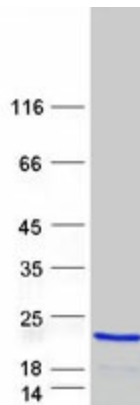
Product Type:	Mass Spec Standards
Description:	PFDN2 MS Standard C13 and N15-labeled recombinant protein (NP_036526)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204553
Predicted MW:	16.6 kDa
Protein Sequence:	<p>&gt;RC204553 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAENSGRAGKSSGSGAGKGA VSAEQVIAGFNRLRQEQRGLASKAAELEMELNEHSLVIDTLKEVDETRKC            YRMVGGVLVERTVKEVLPALENNKEIQKIIETLTQQLQAKGKELNEFREKHNIRLMGEDEKPAAKENSE            GAGAKASSAGVLVS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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:	<u>NP_036526</u>
RefSeq Size:	668
RefSeq ORF:	462
Synonyms:	PFD2
Locus ID:	5202
UniProt ID:	<u>Q9UHV9</u> , <u>B1AQP2</u>


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**Cytogenetics:** 1q23.3

**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]

**Product images:**



Coomassie blue staining of purified PFDN2 protein (Cat# [TP304553]). The protein was produced from HEK293T cells transfected with PFDN2 cDNA clone (Cat# [RC204553]) using MegaTran 2.0 (Cat# [TT210002]).