

## Product datasheet for **TP304553M**

### **PFDN2 (NM\_012394) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human prefoldin subunit 2 (PFDN2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204553 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAENSGRAGKSSGSGAGKGAVSAEQVIAGFNRLRQEQRGLASKAAELEMELNEHSLVIDTLKEVDETRKC            YRMVGGVVERTVKEVLPALENNKEIQKIIETLTQQLQAKGKELNEFREKHNIRLMGEDEKPAAKENSE            GAGAKASSAGVLVS</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	16.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_036526</a></u>
Locus ID:	5202
UniProt ID:	<u><a href="#">Q9UHV9</a></u>
RefSeq Size:	668


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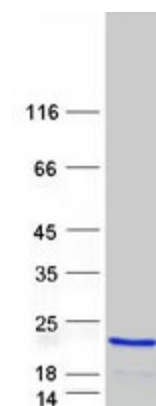
Cytogenetics: 1q23.3

RefSeq ORF: 462

Synonyms: PFD2

**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]).