

## Product datasheet for **TP300584L**

### **PFDN1 (NM\_002622) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human prefoldin subunit 1 (PFDN1), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC200584 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MAAPVDLELKKAFTELQAKVIDTQQKVKLADIQIEQLNRTKKHAHLTDTEIMTLVDETNYEGVGRMFIL QSKEAIHSQLEKQKIAEEKIKELEQKSYLERSVKEAEDNIREMLMARRAQ  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	14 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_002613</a>
<b>Locus ID:</b>	5201
<b>UniProt ID:</b>	<a href="#">O60925</a>
<b>RefSeq Size:</b>	1324
<b>Cytogenetics:</b>	5q31.3



[View online »](#)

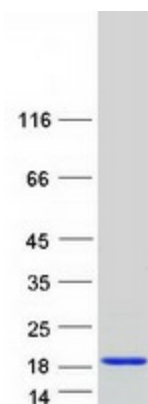
RefSeq ORF: 366

Synonyms: PDF; PFD1

**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]).