

## Product datasheet for **TP300584M**

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

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human prefoldin subunit 1 (PFDN1), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC200584 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAAPVDLELKKAFTELQAKVIDTQQKVKLADIQIEQLNRTKKHAHLTDTEIMTLVDETNMYEGVGRMFIL  
QSKEAIHSQELLEKQKIAEEKIKELEQKKSYLERSVKEAEDNIREMLMARRAQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 14 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:** [NP\\_002613](#)

**Locus ID:** 5201

**UniProt ID:** [O60925](#)

**RefSeq Size:** 1324

**Cytogenetics:** 5q31.3



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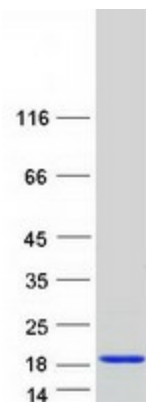
RefSeq ORF: 366

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]).