

## Product datasheet for **TP308482**

### **PFDN3 (VBP1) (NM\_003372) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human von Hippel-Lindau binding protein 1 (VBP1), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC208482 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAAVKDSCGKGMATGNRRRLHLGIPEAVFVEDVDSFMKQPGNETADTVLKKLDEQYQKYKFMELNLAQK  
KRRLKGQIPEIKQTLLEILKYMQKKKESTNSMETRFLADNLYCKASVPPTDKVCLWLGANVMLEYDIDEA  
QALLEKNLSTATKNLDSLEEDLDFLRDQFTTTEVNMARVYNWDVKRRNKDDSTKNKA

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 22.4 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\\_003363](#)

**Locus ID:** 7411

**UniProt ID:** [P61758](#)

**RefSeq Size:** 1643



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Cytogenetics: Xq28

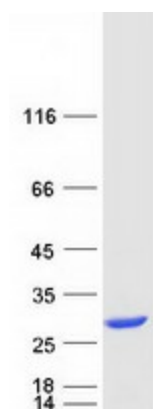
RefSeq ORF: 591

Synonyms: HIBBJ46; PFD3; PFDN3; VBP-1

**Summary:** The protein encoded by this gene interacts with the Von Hippel-Lindau protein to form an intracellular complex. The encoded protein functions as a chaperone protein, and may play a role in the transport of the Von Hippel-Lindau protein from the perinuclear granules to the nucleus or cytoplasm. Alternative splicing and the use of alternate transcription start sites results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Jan 2015]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified VBP1 protein (Cat# TP308482). The protein was produced from HEK293T cells transfected with VBP1 cDNA clone (Cat# [RC208482]) using MegaTran 2.0 (Cat# [TT210002]).