

**PFDN1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17388b****Specification**

---

**PFDN1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O60925](#)**PFDN1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 5201**Other Names**

Prefoldin subunit 1, PFDN1, PFD1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**PFDN1 Antibody (C-term) Blocking Peptide - Protein Information****Name** PFDN1**Synonyms** PFD1**Function**

Binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. Binds to nascent polypeptide chain and promotes folding in an environment in which there are many competing pathways for nonnative proteins.

**PFDN1 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**PFDN1 Antibody (C-term) Blocking Peptide - Images****PFDN1 Antibody (C-term) Blocking Peptide - Background**

This gene encodes a member of the prefoldin beta subunitfamily. 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.

#### **PFDN1 Antibody (C-term) Blocking Peptide - References**

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) ; Stirling, P.C., et al. J. Biol. Chem. 281(11):7012-7021 (2006) ; Stelzl, U., et al. Cell 122(6):957-968 (2005) ; Simons, C.T., et al. J. Biol. Chem. 279(6):4196-4203 (2004) ; Gstaiger, M., et al. Science 302(5648):1208-1212 (2003)