10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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, amolecular chaperone complex that binds and stabilizes newlysynthesized polypeptides, thereby allowing them to fold correctly.The complex, consisting of two alpha and four beta subunits, formsa 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)