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PFDN2 Antibody(C-term) Blocking peptide

Synthetic peptide
Catalog # BP19588b

Specification

PFDN2 Antibody(C-term) Blocking peptide - Product Information

Primary Accession Q9UHV9

PFDN2 Antibody(C-term) Blocking peptide - Additional Information

Gene ID 5202

Other Names
Prefoldin subunit 2, PFDN2, PFD2

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.

PFDN2 Antibody(C-term) Blocking peptide - Protein Information

Name PFDN2

Synonyms PFD2

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.

Cellular Location
Nucleus. Cytoplasm. Mitochondrion

PFDN2 Antibody(C-term) Blocking peptide - Protocols

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

- Blocking Peptides

PFDN2 Antibody(C-term) Blocking peptide - Images

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PFDN2 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.

PFDN2 Antibody(C-term) Blocking peptide - References

Cloutier, P., et al. Methods 48(4):381-386(2009)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Simons, C.T., et al. J. Biol. Chem. 279(6):4196-4203(2004)Bouwmeester, T., et al. Nat. Cell Biol. 6(2):97-105(2004)Hu, R.M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(17):9543-9548(2000)