

**(DANRE) cisd2 Blocking Peptide (C-Term)**  
Synthetic peptide  
Catalog # BP21176a

**Specification**

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**(DANRE) cisd2 Blocking Peptide (C-Term) - Product Information**

Primary Accession [Q7T326](#)

**(DANRE) cisd2 Blocking Peptide (C-Term) - Additional Information**

**Gene ID** 393354

**Other Names**

CDGSH iron-sulfur domain-containing protein 2, cisd2

**Target/Specificity**

The synthetic peptide sequence is selected from aa 110-124 of HUMAN cisd2

**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.

**(DANRE) cisd2 Blocking Peptide (C-Term) - Protein Information**

**Name** cisd2

**Function**

Regulator of autophagy that contributes to antagonize becn1- mediated cellular autophagy at the endoplasmic reticulum. Participates in the interaction of bcl2 with becn1 and is required for bcl2-mediated depression of endoplasmic reticulum Ca(2+) stores during autophagy (By similarity).

**Cellular Location**

Endoplasmic reticulum membrane; Single-pass membrane protein. Mitochondrion outer membrane; Single-pass membrane protein

**(DANRE) cisd2 Blocking Peptide (C-Term) - Protocols**

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

- [Blocking Peptides](#)

#### **(DANRE) cisd2 Blocking Peptide (C-Term) - Images**

#### **(DANRE) cisd2 Blocking Peptide (C-Term) - Background**

Regulator of autophagy that contributes to antagonize becn1-mediated cellular autophagy at the endoplasmic reticulum. Participates in the interaction of bcl2 with becn1 and is required for bcl2-mediated depression of endoplasmic reticulum Ca(2+) stores during autophagy (By similarity).

#### **(DANRE) cisd2 Blocking Peptide (C-Term) - References**

Song H.-D., et al. Proc. Natl. Acad. Sci. U.S.A. 101:16240-16245(2004).  
Howe K., et al. Nature 496:498-503(2013).