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(DANRE) cisd2 Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP21176a

Specification

(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

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(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).