

PTRH2 Blocking Peptide (N-term)

Synthetic peptide

Catalog # BP20260a

Specification

PTRH2 Blocking Peptide (N-term) - Product Information

Primary Accession

[O9Y3E5](#)

Other Accession

[NP_057161.1](#)**PTRH2 Blocking Peptide (N-term) - Additional Information**

Gene ID 51651

Other Names

Peptidyl-tRNA hydrolase 2, mitochondrial, PTH 2, Bcl-2 inhibitor of transcription 1, PTRH2, BIT1, PTH2

Target/Specificity

The synthetic peptide sequence is selected from aa 41-55 of HUMAN PTRH2

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.

PTRH2 Blocking Peptide (N-term) - Protein Information

Name PTRH2

Synonyms BIT1, PTH2

Function

The natural substrate for this enzyme may be peptidyl-tRNAs which drop off the ribosome during protein synthesis.

Cellular Location

Mitochondrion outer membrane; Single-pass membrane protein

PTRH2 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

PTRH2 Blocking Peptide (N-term) - Images**PTRH2 Blocking Peptide (N-term) - Background**

The natural substrate for this enzyme may be peptidyl-tRNAs which drop off the ribosome during protein synthesis (By similarity).

Promotes caspase-independent apoptosis by regulating the function of two transcriptional regulators, AES and TLE1.

PTRH2 Blocking Peptide (N-term) - References

Fan, T., et al. Int. J. Oncol. 35(2):359-367(2009)
Biliran, H., et al. J. Biol. Chem. 283(42):28029-28037(2008)
Bouchentouf, M., et al. Am. J. Transplant. 7(6):1491-1505(2007)
Jan, Y., et al. Cell 116(5):751-762(2004)
De Pereda, J.M., et al. J. Biol. Chem. 279(9):8111-8115(2004)