

TRMT11 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP5390b

Specification

TRMT11 Blocking Peptide (C-term) - Product Information

Primary Accession

[O7Z4G4](#)

Other Accession

[Q05B63](#), [NP_001026882.2](#)**TRMT11 Blocking Peptide (C-term) - Additional Information****Gene ID** 60487**Other Names**

tRNA (guanine(10)-N2)-methyltransferase homolog, 211-, tRNA guanosine-2'-O-methyltransferase TRM11 homolog, TRMT11, C6orf75

Target/Specificity

The synthetic peptide sequence is selected from aa 318-332 of HUMAN TRMT11

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.

TRMT11 Blocking Peptide (C-term) - Protein Information**Name** TRMT11 ([HGNC:21080](#))**Function**

Catalytic subunit of the TRMT11-TRM112 methyltransferase complex, that specifically mediates the S-adenosyl-L-methionine- dependent N(2)-methylation of guanosine nucleotide at position 10 (m2G10) in tRNAs (PubMed:37283053). This is one of the major tRNA (guanine-N(2))-methyltransferases (PubMed:37283053).

Cellular Location

Cytoplasm.

TRMT11 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

TRMT11 Blocking Peptide (C-term) - Images

TRMT11 Blocking Peptide (C-term) - References

Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)
Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)
Mungall, A.J., et al. Nature 425(6960):805-811(2003)