

NSUN4 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11159b**Specification**

NSUN4 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q96CB9](#)**NSUN4 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 387338**Other Names**

5-methylcytosine rRNA methyltransferase NSUN4, 211-, NOL1/NOP2/Sun domain family member 4, NSUN4

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.

NSUN4 Antibody (C-term) Blocking peptide - Protein Information**Name** NSUN4**Function**

Involved in mitochondrial ribosome assembly. 5-methylcytosine rRNA methyltransferase that probably is involved in mitochondrial ribosome small subunit (SSU) maturation by methylation of mitochondrial 12S rRNA; the function is independent of MTERFD2/MTERF4 and assembled mitochondrial ribosome large subunit (LSU). Targeted to LSU by MTERFD2/MTERF4 and probably is involved in a final step in ribosome biogenesis to ensure that SSU and LSU are assembled. In vitro can methylate 16S rRNA of the LSU; the methylation is enhanced by MTERFD/MTERF4.

Cellular Location

Mitochondrion

NSUN4 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NSUN4 Antibody (C-term) Blocking peptide - Images**NSUN4 Antibody (C-term) Blocking peptide - Background**

Belongs to the methyltransferase superfamily. May have S-adenosyl-L-methionine-dependent methyl-transferase activity.

NSUN4 Antibody (C-term) Blocking peptide - References

Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) :