

Recombinant Human NSUN4

Catalog No: #GP13147



Package Size: #GP13147-1 100ug

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Description

Product Name	Recombinant Human NSUN4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 185-384 amino acids of human NSUN4
Target Name	NOP2/Sun RNA methyltransferase family member 4
Other Names	SHTAP
Accession No.	Swissprot:Q96CB9Gene Accession:BC014441
Uniprot	Q96CB9
GeneID	387338;
Storage	-20~-80°C, pH 7.6 PBS

Background

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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