

NSUN4 抗原（重组蛋白）

中文名称：NSUN4 抗原（重组蛋白）

英文名称：NSUN4 Antigen (Recombinant Protein)

别名：NOP2/Sun RNA methyltransferase family member 4; SHTAP

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 185-384 amino acids of human NSUN4

技术规格：

Full name:	NOP2/Sun RNA methyltransferase family member 4
Synonyms:	SHTAP
Swissprot:	Q96CB9
Gene Accession:	BC014441
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 MTERFD2/MTERF4.