Recombinant Mouse Nsun6 Protein, Myc/DDK-tagged

Cat. No. Nsun6-4512M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NOL1/NOP2/Sun domain family member 6 (Nsun6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	S-adenosyl-L-methionine-dependent methyltransferase that specifically methylates th e C5 position of cytosine 72 in tRNA(Thr)(TGT) and tRNA(Cys)(GCA). In vitro also me thylates tRNA(Thr)(AGT). Methylation requires, in the acceptor stem region, the prese nce of the 3'-CCA terminus, the target site C72, the discriminator base U73, and the s econd and third base pairs (2:71 and 3:70) in the tRNA substrates.
Molecular Mass	52.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Nsun6 NOL1/NOP2/Sun domain family member 6 [Mus musculus (house mouse)]
Official Symbol	Nsun6
Synonyms	NSUN6; NOL1/NOP2/Sun domain family member 6; putative methyltransferase NSUN6; NOL1/NOP2/Sun domain family 6; NOPD1; 4933403D21Rik; 4933414E04Rik
Gene ID	74455
mRNA Refseq	NM_001165941
Protein Refseq	NP_001159413
UniProt ID	Q7TS68

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