

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 the C5 position of cytosine 72 in tRNA(Thr)(TGT) and tRNA(Cys)(GCA). In vitro also methylates tRNA(Thr)(AGT). Methylation requires, in the acceptor stem region, the presence of the 3'-CCA terminus, the target site C72, the discriminator base U73, and the second 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA