

Recombinant Full Length Human NSUN6 Protein, C-Flag-tagged

Cat. No. NSUN6-1456HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NSUN6 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables tRNA (cytosine-5-)-methyltransferase activity and tRNA binding activity. Involved in tRNA C5-cytosine methylation. Located in cytoplasm.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	51.6 kDa
AA Sequence	MSIFPKISLRPEVENYLKEGFMNKEIVTALGKQEAERKFETLLKHLSHPPSFTTVRVN THLASVQHVKNL LDELQKQFNGLSVPILQHPDLQDVLLIPVIGPRKNIKKQQCEAIV GAQCGNAVLRGAHVYAPGIVSASQ FMKAGDVISVYSDIKGKCKKGAKAFDGTQVFL GNGISELSRKEIFSGLPKGMGIRMTEPVYLSPSFDS VLPYRFLQLNPSALVSHVL NPQPGEKILDCAAPGGKTTHIAALMHDQGEVIALDKIFNKVEKIQNAL LLGLNSIRA FCFDGTKAVKLDMVEDTEGEPPFLPESFDRILLDAPCSGMGQRPNMACTWSVKEV ASYQPL QRKLFTAQVQLLKPEGVLVYSTCTITLAENEEQVAWALTKFPCQLQLPQEP QIGGEGMRGAGLSCEQLKQ LQRFDPSPAVPLPDTDMDSLREARREDMLRLANKDSIGFFIAKFVKCKSTTRTRPLEQ KLISEEDLAANDILDYKDDDDKV

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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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	NSUN6 NOP2/Sun RNA methyltransferase 6 [Homo sapiens (human)]
Official Symbol	NSUN6
Synonyms	NOPD1; ARL5B-AS1; 4933414E04Rik
Gene ID	221078
mRNA Refseq	NM_182543.5
Protein Refseq	NP_872349.1
MIM	617199

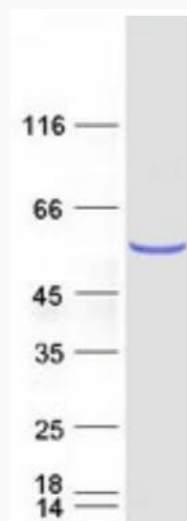
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UniProt ID

Q8TEA1



Coomassie blue staining of purified NSUN6 protein.

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