

Product datasheet for **TP314459**

NSUN2 (NM_017755) Human Recombinant Protein

Product data:

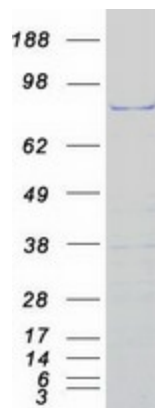
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NOL1/NOP2/Sun domain family, member 2 (NSUN2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214459 representing NM_017755 Red =Cloning site Green =Tags(s)
	<p>MGRRSRGRRLLQQQRPEDAEDGAEGGGKRGEAGWEGGYPEIVKENKLFYHYQELKIVPEGEWGWQFMDAL REPLPATLRITGYKSHAKEILHCLKNKYFKELEDLEVDGQKVEVPQPLSWYPEELAWHTNLSRKILRKSP HLEKFHQFLVSETESGNISRQEAVSMIPLLLLNVRPHHKILDMCAAPGSKTTQLIEMLHADMNVPFPEGF VIANDVDNKRCYLLVHQAKRLSSPCIMVVNHDASSIPRLQIDVDGRKEILFYDRILCDVPCSGDGTMRKN IDVWKKWTTLNSLQLHGLQLRIATRGAELAEAGGRMVYSTCSLNPIEDEAVIASLLEKSEGALELADVSN ELPGLKWMPGITQWKVMTKDGQWFTDWDVAVPHSRHTQIRPTMFPPKDPEKLQAMHLERCLRILPHHQNTG GFFVAVLVKKSMPWNKRQPKLQGKSAETRESTQLSPADLTEGKPTDPSKLESPTSFTGTGDTEIAHATED LENNGSKKDGVCPPPSKMKLFGFKEDPFVFIPEDDPLFPIEKFYALDPSFPRMNLTRTTEGKKRQL YMVSKELRNVLNNSSEKMKVINTGIKVVCRNNSGEEFDCAFRLAQEGIYTYLPFINSRIITVSMEDVKIL LTQENPFRRKLSSETYSQAKDLAKGSIVLKYEPDSANPDALQCPIVLCGWRGKASIRTFVPKNERLHYLR MMGLEVLGEEKKEGVILTNESAASTGQPDNDVTEGQRAGEPNSPDAEEANSPDVTAGCDPAGVHPPR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	86.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_060225
Locus ID:	54888
UniProt ID:	Q08J23
RefSeq Size:	3089
Cytogenetics:	5p15.31
RefSeq ORF:	2301
Synonyms:	MISU; MRT5; SAKI; TRM4
Summary:	This gene encodes a methyltransferase that catalyzes the methylation of cytosine to 5-methylcytosine (m5C) at position 34 of intron-containing tRNA(Leu)(CAA) precursors. This modification is necessary to stabilize the anticodon-codon pairing and correctly translate the mRNA. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Mar 2011]

Product images:



Coomassie blue staining of purified NSUN2 protein (Cat# TP314459). The protein was produced from HEK293T cells transfected with NSUN2 cDNA clone (Cat# [RC214459]) using MegaTran 2.0 (Cat# [TT210002]).