

Product datasheet for **RC214459A1V**

Human NSUN2 (NM_017755) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NSUN2 (NM_017755) AAV Particle
Tag:	Myc-DDK
Symbol:	NSUN2
Synonyms:	MISU; MRT5; SAKI; TRM4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC214459 representing NM_017755
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCGGCGGTTCGCGGGTCCAGCAACAGCAGCGGCCGGAGGACGCGGAGGATGGCGCCG
 AGGGTGGTGAAAGCGCGCGGAGCGGGCTGGGAAGGAGGCTACCCCGAGATCGTCAAGGAGAACAAGCT
 GTTCGAGCACTACTACCAGGAGCTCAAGATCGTGCCCGAGGGCGAGTGGGGCCAGTTTCATGGACGCTCTC
 AGGGAGCCGCTCCCGGCCACTTTAAGAATTACTGGTTACAAAAGCCACGAAAAGAGATTCTCCATTGCT
 TAAAGAACAATATTTTAAGGAATTGGAGGACCTGGAGGTGGACGGTCAGAAAGTTGAAGTTCCACAGCC
 ACTGAGTTGGTATCCTGAAGAACTTGCCTGGCACAATAATTAAGTCGAAAAATCTTGAGAAAATCGCCA
 CACTTGGAAAAGTTTCATCAGTTTCTAGTTAGTGAAACAGAATCTGGAAATATTAGTCGTCAGAAAGCTG
 TTAGCATGATCCCACTGCTCCTCAACGTGCGGCCTCATCATAAGATCTTAGATATGTGTGCAGCACC
 TGGCTCAAAGACCACACAGTTAATTGAAATGCTACATGCCGACATGAATGTCCCTTTCCAGAGGGATTT
 GTTATTGCGAATGATGTGGACAACAAGCGCTGCTACCTGCTCGTCCATCAAGCCAAGAGGCTGAGCAGCC
 CCTGCATCATGGTGGTCAACCATGATGCCTCCAGCATACCCAGGCTCCAGATAGATGTGGACGGCAGGAA
 AGAGATCCTCTTCTATGATCGAATTTTATGTGATGTCCCTTGCACTGGAGACGGCACTATGAGAAAAAC
 ATTGATGTTTGGAAAAAGTGGACCACCTTAAATAGCTTGACAGTACATGGCTTACAGCTGCGGATTGCAA
 CACGCGGGGCTGAACAGCTGGCTGAAGTGGAAGGATGGTGTATTCCACGTGTTCACTAAACCTATTGA
 GGATGAAGCAGTCATAGCATCTTACTGGAAAAAGTGAAGGTGCTTTGGAGCTTGCTGATGTGTCTAAT
 GAAGTCCAGGGCTGAAGTGGATGCCTGGAATCACACAGTGAAGGTGAATGACGAAAGATGGGCAGTGGT
 TTACAGACTGGGACGCTGTTCTCACAGCAGACACCCAGATCCGACCTACCATGTTCCCTCCGAAGGA
 CCCAGAAAAGCTGCAGGCCATGCACCTGGAGCGATGCCTTAGGATATTACCCCATCATCAGAATACTGGA
 GGGTTTTTTGTGGCAGTATTGGTGAATAATCTTCAATGCCGTGGAATAAACGTCAGCCAAAGCTTCAGG
 GTAAATCTGCAGAGACCAGAGAAAGCACACAGCTGAGCCCTGCAGATCTCACAGAAGGGAAACCCACAGA
 TCCCTCTAAGCTGGAAAGTCCGTCAATCACAGGAAGTGGTGACACAGAAATAGCTCATGCAACTGAGGAT
 TTAGAGAATAATGGCAGTAAGAAAGATGGCGTGTGTGGTCTCCTCCATCAAAGAAAATGAAGTTATTTG
 GATTTAAAGAAGATCCATTTGTATTTATTCCTGAAGATGACCCATTATTTCCACCTATTGAGAAATTTTA
 TGCTTTGGATCCTTCATTCCCAAGGATGAATTTGTAACTCGGACTACAGAAGGGAAGAAAAGGCAGCTC
 TACATGGTTTCTAAGGAGTTGCGGAATGTGCTGCTGAATAACAGTGAGAAGATGAAGTTATTAACACGG
 GGATCAAAGTCTGGTGTAGAAATAACAGCGGTGAAGAGTTTGACTGTGCTTTCCGGCTGGCACAGGAGGG
 AATATATACATTGTATCCATTTATTAACCAAGAAATTATTACTGTATCAATGGAAGATGTTAAGATACTG
 TTGACCCAGGAAAATCCCTTTTTAGAAAACCTCAGCAGTGAGACCTACAGTCAAGCAAAGGACCTGGCAA
 AGGGAAGCATCGTGTGAAGTATGAACAGATTCTGCGAATCCAGACGCTCTGCAGTGTCCCATCGTCTT
 ATGCGGATGGCGGGGAAAGGCCCTCATTGCAACTTTTGTGCCCAAGAATGAACGGCTTCATTATCTCAGG
 ATGATGGGGCTGGAGGTATTGGGAGAAAAGAAGAAGGAAGGGTTATCCTCACAAATGAGAGTGCAGCCA
 GCACCGGACAGCCAGACAATGACGTGACTGAGGGACAGAGAGCAGGAGAGCCCAACAGCCCATGTCAGA
 AGAGGCCAACAGTCCAGACGTGACAGCAGGCTGTGACCCGGCGGGGTCCATCCACCCCGG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC214459 representing NM_017755 Red=Cloning site Green=Tags(s) MGRRSRGRRLQQQRPEDAEDGAEGGGKRGEGWEGGYPEIVKENKLFHYQQELKIVPEGEWGQFMDAL REPLPATLRITGYKSHAKEILHCLKNKYFKELEDLEVDGQKVEVPQPLSWYPEELAWHTNLSRKILRKSP HLEKFHQFLVSETESGNISRQEAVSMIPPLLLNVRPHHKILDMCAAPGSKTTQLIEMLHADMNVPFPEGF VIANDVDNKRCLLHQAQRLSSPCIMVVDNDASSIPRLQIDVDGRKEILFYDRILCDVPCSGDGTMRKN IDVWKKWTTLNSLQLHGLQLRIATRGAEQLAEGGRMVYSTCSLNPIEDEAVIASLLEKSEGALELADVSN ELPGLKWPMTITQWKVMTKDGQWFTDWDVPHSRHTQIRPTMFPPKDPEKLQAMHLERCLRILPHHQNTG GFFVAVLVKKSSMPWNKRQPKLQGKSAETRESTQLSPADLTEGKPTDPSKLESPSFTGTGDTIEAHATED LENNGSKKDGVCPPPSKKMKLFGFKEDPFVFIPEDDPLFPPIEKFYALDPSFPRMNLTRTTEGKKRQL YMSKELRNVLNNSEKMKVINTGIKVCNRNNSGEEFDCAFRLAQEGIYTLYPFINSRIITVSMEDVKIL LTQENPFPRKLSETYSQAKDLAKGSIVLKYEPDSANPDALQCPVLCGWRGKASIRTFVPKNERLHYLR MMGLEVLGEKKKEGVILTNSAASTGQPDNDVTEGQRAGEPNSPDAEEANSPDVTAGCDPAGVHPPR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_017755
ORF Size:	2301 bp
Buffer:	PBS with 0.001% Pluronic F7214
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	NM_017755.4
RefSeq Size:	3089 bp
RefSeq ORF:	2304 bp
Locus ID:	54888
UniProt ID:	Q08J23
Cytogenetics:	5p15.31
MW:	86.3 kDa