

Product datasheet for **MR224506**

Nsun7 (NM_027602) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nsun7 (NM_027602) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nsun7
Synonyms:	4921525L17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MR224506 representing NM_027602
 Red=Cloning site Blue=ORF Green=Tags(s)

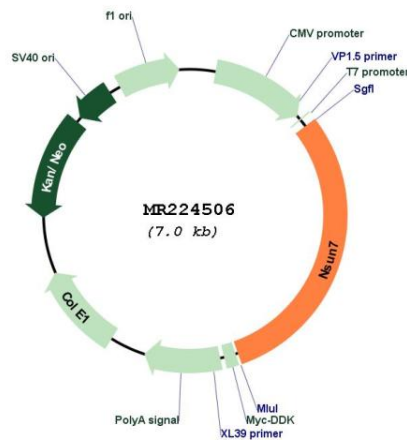
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGACCCAACGAGTGAAAGGGACCTTTTTGACCAAGAAAACATGGAGGAGATCTCCAACTCGCTT
 CCCTGGAGATGTCGGGGGATGTAGTCGCCAATACAACTTTCAACCGTGTCTAGAAAAACCCAGCTA
 CCCAGACTCCGTGTACGTTACGGCAGCGAACATTTTTTCAGGGTATTTCGGATCCAAAGTCCGCAGACAAA
 GTCATAATAAATTACGGAAGTGAACCCCTGCAGCCCTCCTCCTCCGCTCCGAGGATGAATCTTTCCAGC
 GCTTGTCTATGAGTTGGCTTTTCAGTACCCTGAAGTATCAAGATATTTTGGAAAGTATATTAATAGATAG
 CTATATCTTCTCAAGTACCACAATCGCAAGTCAAGTCAAGTCTTATCATTGTGATGCTGTATGACTTC
 CAAGACAGAAAATCCAGCCCCGATCCTTTCCGAGAATGAAGAGACCATACCAGAAGTTCAAGAAGTCCG
 AGAACCTTCTAAACGGCTTAAGACAAAATTTGGCTGCAGCCTGGCGAGATGTCGAATCAAACACGACGC
 CCTCTCGATTTACCATATTCTGCCAGAGACAGTTAGGAAACAGGAACAAAGGGCCTCAACTTTGCCTCTT
 TATGCTTGGATAAATACCAGTAAAATAAGCCTTGAAGAAGTCTATAATAATTTGAGGAGGAAAGGTTACT
 CTAAGTCAAGTCTATAACGAGTGTCAATGAGAAAGTCTATGCAGTAGACCAGCACTGCTCAATGTCTT
 AATTTTCCAGCTCATCTCAAAACAGACCTTTTAAACATAGATCTCATAAAAGACTATAAACTTATTTTC
 CAGGACAAATCTCGAAGTCTTGGCGTCCACTCTGTGAAGGCTTTGATAAACATCGATGATGATGCTCTAA
 TGGTCAACACGGGTTTCGTGGTACACAGTTGCCCATATGTCATCTTAACAAGTGGTCACACTTCGAAAAT
 CTTTGTATGTGGAATAACAAGAAGAGAAGGATTTTAAATGCGAGGAACTTTTACAAGAATGGGATGT
 CAAAATATTGAAACTTACGAAACATTTCTTAGCATTGAATCCAAAGATCACCGGTTACAGAATGTGA
 AGGTCATTCTGTTGCTACCTCGCTGTTCCAGCCTCGGTGTCAGCAACCCAGTGAATTCATTCTAAATGA
 ACACGAAGATAAAAAGTTTACTTCAAGATCTTTCTCAAGGTGGTCTACCGAAAGATAAACTCGAGACTTTG
 GTTCAGCAGCAGTTTGAACAGCTAACACACGCAATGAAATTTACCAAAGTTCAAGCAATTGTCTATTGCA
 CATGTTCTGTTTCTAAAGAGGAAAATGAAGACGTTGTTGAGAAAGCACTGGAATATCAAAGCTCAGGGGT
 TAAAATGCAACCTTACAGACTCAGTCTCCTGTTCTCCCACTGTGCACCCTAAAAGAGATAGAAGTGTCT
 ATGGATAGATTCTTCAGATTGGAACCATCTGATATGAACAATGGCTGTTTTCTTCTATCTTAACAAGAG
 AGCGGGACCCATCTGAGACAGTGTCAAGTGAAGACGTTCTGGCCAGGGCAGCAGCCAAAGGTCTACTGGA
 AGGGGTTGAGGTTGGGAAGACGCTCAAAAGGGACAAGAAGAGGAAAAAATCGAAAGCACTGCCATCCAGG
 GCTCCTCACCATGGGGACCCACTTCGCGACCATTGGCAGTGGATGGTAACGACACCAGCAACGTCCAAA
 TGAATACTCCGAGCTTTGCACCGAGAAAGCAAGATAAGTACTTCAACAAAATGTCCGCCCCAGCAAA
 GACTGTGTCTCAAGCCGGCACTTCTCCCAAGTCAGAAAGCCAGCAAGCCTTTATCGACCCCACTGGTG
 AGGAATTTTTCCAGGCCGGTAGAAAGGCCAACGAATTTGTGAGAGCGCGGCCAGAAAGGCAAAGTGATTC
 CTTTGAACCAATTGAAATCGTTCTGCCGCCAGTGATATCCATTGAGTTCCAGGGGCCAGGGTTCA
 GATGCCAGCCACCATTTTTATTACCGCTTCATTGGATCAAAGAGATTCTGCTCTTTTAGGACTCTTC

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_027602.2</u> , <u>NP_081878.1</u>
RefSeq Size:	2552 bp
RefSeq ORF:	2103 bp
Locus ID:	70918
UniProt ID:	<u>Q14AW5</u>
Cytogenetics:	5 C3.1
MW:	79.6 kDa
Gene Summary:	This gene encodes a member of the NOL1/NOP2/sun domain RNA methyltransferase family. Mice with a mutation in this gene exhibit male sterility due to impaired sperm motility. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Nov 2014]

Product images:



Circular map for MR224506