

Product datasheet for **MC203524**

Nop58 (NM_018868) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nop58 (NM_018868) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nop58
Synonyms:	MSSP; Nol5; nop5; SIK
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC076604
 CGAGGAGAGGTGTGGAGCGGCTGAGCAACGTGGTCTGTTTCGTCGCCGGGGAGGCGACGGCGTTTGCCTC
 CCCCAGCTCCAAGGCCTAGCGGGTCTTACAGCGACTGAAAGGTAGTCATTTGCAGTGGCGTAAGGGCTCGC
 GGCTAGCCCGCTAGCGCCGCCCTGACCTGGTCTCATCATGTTGGTCTGTTTGAACGTCCTGGTGTAC
 GCCATCTTTAAGGTTCTGAATGAGAAGAACTTCAAGAGGTTGATAGTTTGTGAAAGAATTTGAAACTC
 CAGAGAAAGCAAATAAAATAGTAAAGCTAAAACATTTTGAAGAAATTTGAGATAACAGCAGAAGCATTAGC
 AGCATTACAGCTCTGATGGAAGGCAAAATCAATAAACAGCTGAAGAAAGTTTGAAGAAATAGTAAAA
 GAAGCCCATGAACCTCTGGCTGTCGCTGATGCTAAACTAGGAGGGTAATAAAGGAAAAATGAATCTCA
 GCTGTATCCATAGTCCTGTTGTTAATGAACTTATGAGAGGAATCCGATCACAAATGGATGGCTTGATTCC
 TGGGGTAGAACCACGTGAGATGGCAGCCATGTGCTTGGATTGGCCACAGCCTGTCTCGATACAGATTG
 AAATTCAGTGTGATAAAGTGGACACAATGATTGTTTCCAGCAATTTCTTATTAGATGACTTGGATAAAG
 AACTAAACAACACTACATTATGCGGTGTAGGGAATGGTATGGCTGGCATTTCCTGAGTTAGGGAATTTAT
 TTCAGATAATCTGACATACTGCAAGTGTACAGAAAGTTGGGGACAGGAAGAACTATGCATCTGCCTCT
 CTCTCTGAATTCCTGTCTGAGGAAGTAGAAGCAGAAGTAAAGCAGCTGCAGAGATATCTATGGGAACAG
 AGGTTTCTGAAGAAGATATTTGCAACATTTACATCTGTGTACGCAGGTAATTGAAATTTCTGAATATAG
 GACTCAGCTCTATGAATATCTGCAAAATCGAATGATGGCCATTGCACCTAACGTTACAGTATGGTTGGA
 GAATTAGTTGGAGCACGGCTTATTGCTCATGCAGGTTCTTTTTGAAATTTGGCCAAGCATGCAGTTCTA
 CAGTTCAGATTCTTGGAGCAGAAAAAGCACTTTTTCAGGGCCCTCAAATCTAGACGAGACACACCTAAATA
 TGGACTTATTTATCATGCTTCTTGTAGGCCAGTCAAGTCCCAAACACAAGGAAAGATTTCTCGAATG
 CTGGCAGCCAAAAGTGTCTGGCTATCAGATACGACGCTTTTGGTGAAGATTCAGTTCTGCAATGGGAA
 TTGAGAACAGAGCCAAATAGAGGCCAGGTTGAGGATTTTGGAGGACAGAGGGATAAGAAAAATAAGTGG
 AACAGGAAAGGCATTAGCAAAAGCAGAAAAGTATGAACACAAAAGTGAAGTGAAGACTTACGATCCCTCT
 GGTGACTCCACACTTCCAATTTGTTCTAAAAACGCAAAATAGAAGAGGTAGATAAAGAGGATGAAATTA
 CTGAAAAAGAAAGCAAAAAAGCCAAAGATTAAAAATTAAGCTGAAGTAGAGGAGGAGATGGAGGAGGAGGA
 GGCGGAGGAAGAACAGGTAGTAGAAGAGGAGCCGACTGTAAAGAAGAAAAAGAAGAGGATAAAAAGAAA
 CACATAAAGGAAGAGCCACTTTCCGAGGAGGAGCCATGTACCAGCACAGCAGTTCTAGTCCAGAGAAAA
 AGAAGAAAAAGAAAAAGAAGAAAGATGTGAAGACTAATGTAAAGGAACCATAGCCCTGTCCCCGAACAC
 ATCATGCTTACGATTAGTTGGGAGCAGAGCACATCAGATGCTCTCAAATAATCAAGGGAGGTTGAATAT
 CTAGCTTTTCAAGCCTTTTTGTGCTTGTGACATCAACTGTTGACCTTAGTCTTTGATACACAAATAAATA
 TTTTCTTTGTATTATAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_018868

Insert Size: 1611 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:**
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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC076604 , AAH76604
RefSeq Size:	1994 bp
RefSeq ORF:	1611 bp
Locus ID:	55989
UniProt ID:	Q6DFW4
Cytogenetics:	1 C2
Gene Summary:	Required for 60S ribosomal subunit biogenesis (By similarity). Core component of box C/D small nucleolar ribonucleoprotein (snoRNP) particles. Required for the biogenesis of box C/D snoRNAs such as U3, U8 and U14 snoRNAs (By similarity).[UniProtKB/Swiss-Prot Function]