

Product datasheet for **MC205364**

Nop56 (NM_024193) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nop56 (NM_024193) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nop56
Synonyms:	2310044F10Rik; Nol5a
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021355
 CCACGCGTCCGCGGAGCAGGCGCCATGGTTCTGCTGCACGTGCTGTTTCGAGCATGCGGTGCGCTACGCGC
 TGTTGGCGCTGAAGGAAGTGGAGGAGATCAGCCTGCTGCTGCCGAGGTGGAGGAATGTGTGCTTAACT
 TGGCAAATCCACAATGTCGTTCTGGTGGCCTTCTGTCCCTTCTTTCATCCCAGGTGGCCTTGAA
 AATGCCAATGCTGTGTCTGAAGGTGTTGTTACGAGGACCTCCGCTGCTCCTGGAGACATACCTGCCAT
 CTAAGAAAGAAAGTACTTCTGGGGTGGAGACCCCAAGATTGGTGTGCAATACAGGAAGAGTTGGG
 GTACAACAGTCCAGACTGGTGGTGTGATAGCTGAGATCCTTCGAGGAGTTCGTCTGCATTTCCATAATCTG
 GTGAAGGTCTGACAGATCTTTCTGCTTGTAAAGCCAGCTAGGGCTGGGACACAGCTACTCTCGTGCCA
 AAGTTAAATTTAATGTGAACCGAGTGGACAACATGATTATTCAGTCCATAAGCCTCCTGGACCAACTGGA
 TAAAGATATCAATACCTTCTCGATGCGTGTGAGGAGTGGTATGGGTACCACTTTCCAGAGCTGGTGAAG
 ATCGTCAATGACAACGCCACATACTGTCGCTTGGCTCAGTTCATTGGGAACCGCAGGGAGCTGAATGAAG
 AGAAGTTAGAGAACTGGAAGAAATTACGATGGACGGGGCAAGGCTAAGGCCATCTTGGATGCTTCTCG
 GTCCTCCATGGGCATGGACATATCTGCTATCGACTTGATAAACATCGAGAGCTTCTCCAGTCGTGTGGT
 TCTTTGTCAGAGTATCGCCAGAGCTACACACTTACCTTCGCTCCAAGATGAGCCAAGTAGCCCCAGCC
 TGTCAGCCTTAATTGGGGAAGCGGTAGGTGCACGCCTCATTGCTCATGCTGGCAGCCTCACCAACTGGC
 CAAGTATCCAGCGTCCACAGTACAGATCCTTGGGGCTGAAAAGGCCCTGTTCAGAGCCCTGAAGACAAGG
 GGTAACACACCAAAATATGGACTCATTTTTTCATCCACCTTCATTGGCCGAGCAGCTGCAAGAACAAGG
 GCCGTATCTCCGATACCTAGCAAAACAATGCAGTATTGCCTCAAGAATTGATTGCTTCTCTGAGGTCCC
 CACAAGTGTATTTGGGAAAAAATCCGAGAACAAAGTTGAGGAACGGCTGTCTTTCTATGAGACTGGAGAG
 ATCCCACGGAAGAACCTGGATGTATGAAGGAAGCTGTGGTTCAGGCAGAGGAAGCGGCTGCTGAAATCG
 CCAGAAAGCTGGAAAAACAGGAGAAGAAGCGCTTGAAGAAGGAAAAGAAGCGACTGGCTGCACTGGCCCT
 GGCCTCGTCAGAAAACAGCAGTACCCAGAGGAGTGTGAGGAGGTAATGAAAAATCTAAGAAGAAAAAG
 AAGTTAAAACCCAGGAAAATGGAATGGAAGACCACCTGTCTCTACCTAAATCCAAGAAAAAGAAAG
 CTCCCAAGGAGGAGTTGGCCAGTGACCTTGAAGAGATGGCCACTAGCAGTGCTAAGAGAAAAGAGTCCCT
 ACCTAAGGAGGAAGTGGCCAGTGAACGAGAAGAGCAGCAAGCCCAACCCCTAAGAAGAAAAGGAAA
 TTTTCTGAGGAGCCTGAAGTTGCTGCTAACTTCACAAAGAGCAGCACAAGAAAAAGAAAAAGTCCAGA
 AAGCACAGGAGGATTAGAACGGACCTGCTTGGTGGGAGGGGCATACCTTGTGGCAGCTCCTGCCATGAT
 AAAACCCCAATAAAAACACAAAACAGATAGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_024193

Insert Size: 1743 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.

RefSeq: [BC021355](#), [AAH21355](#)

RefSeq Size: 1890 bp

RefSeq ORF: 1743 bp

Locus ID: 67134

UniProt ID: [Q9D6Z1](#)

Cytogenetics: 2 F1

Gene Summary: Involved in the early to middle stages of 60S ribosomal subunit biogenesis. Core component of box C/D small nucleolar ribonucleoprotein (snoRNP) particles. Required for the biogenesis of box C/D snoRNAs such U3, U8 and U14 snoRNAs (By similarity).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the protein-coding transcript.