

Product datasheet for **MC205642**

Nop2 (NM_138747) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nop2 (NM_138747) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nop2
Synonyms:	120kDa; A530002O17; Nol1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC007151
 GGAGCGGGCCTTGACTGGAGGTGCCGGGTGAGCCGGAACCAAGGTCTAGGCGAGCCGAGCCTTCAGTTATC
 ATGGGGCGCAAGTTGGATCCTACGAAGAAGGAGAAGCGTGGACCCGGCCGAAAGGCCGAAAAACAGAAGG
 GTGCGGAGACCAATTGGTCAGATTTTTGCCTGCAGCTGGCGATGAGAATTTCAAGAGGCTGTGAGTCCG
 TGCCCGAAAGCGGCAGCCAAGAGGAGGGCAGGGTCTGTTGACGTCCTAAGCCAATAAGTCTCCTGGG
 ATCAAAACATTGCCTGGAGAGTTATCCAAGGAGCAGTCCAGGCTCGAGGTAAGAAGCGTCCAGCACCAA
 TTCAAACAGTGTGAGGACGAGGAGGAAGACTCGGGGGAAGACGATGTGGTGACCCAGGGGGACCTTTG
 GGGCTCTGAGGACAGTGTGAAGATATGGTGGATGACTATGGAGCTGCCTCTAACTCGGAGGATGAGGAG
 GAAAAGCTGTTGCTATTGAAAGAGCTGCCCTGAAGCAGAAAGCCAGGATGCCACAGCTGGGGTCTGT
 GGAATGAAGAGGACACTGATGAAGATGAAGATGATGATGGTGTGTCCCCTGAGTCCCACCCAGAAAGGA
 TGACAAAGCAGAGGGGATTTGCAGATTAATGTGGAAGATGAGGAAGCCTTTGTGCTGCCCTGCTGGG
 GAGACGGACAGGATGGCAGGCTCCAGACCTGCAGCGAGTTCACAAGCGGATCCAGGACATCGTGGGAG
 TGCTGCGGGATTCGGAGCTCAGCGAGAAGAGGGCCGGTCTCGAGCTGAGTATCTAAGTCGGCTTCAGAA
 GGACCTGGCCACTTACTATTCTTATGGAGACTTCTGCTGAGCAAGCTCATGGAGCTGTTCCCTCTGTCT
 GAGTTGATCGAGTCTTAGAAGCTAATGAGGTGCCCGGCAATCACCTTCGGACCAACACCTTAAAA
 CCCGTCGCGGAGACCTTGCTCAGCTTCTGATCAATCGTGGGGTAACTCTGGATCCACTGGGGAAGTGGTC
 AAAGTCTGGACTTGTGGTATATGATTCTTCAGTGCCTATTGGCGTACCCCTGAGTACCTCGCTGGACAC
 TATATGCTGCAGGGAGCTTCCAGTATGTTGCCCGTCATGGCCCTGGCACCTCAGGAGCATGAGCGGATCT
 TAGACATGTGCTGTGCTCCTGGGGGAAGACCAGCTACATAGCTCAGCTGATGAAGAACACAGGAGTGT
 CCTTGCCAACGATGCCAATGCAGACCGGCTCAAGAGCGTGGTGGGCAACCTGCACCGCTTGGGAGTCAAC
 AACACCATCATCAGCCACTATGATGGGCGCCAGTTCCTCAAGGTGGTAGGGGCTTTGATCGAGTGTCTAC
 TGGATGCTCCTTGTAGTGGCACAGGAGTCATCTCAAAGACCTGCTGTGAAGACGAACAAGGATGAGAA
 AGACTCCAGCGCTGTGCCACCTCAGAAGAACTGCTGCTCAGTGTATCGACTCAGTGAACGCTGCC
 TCCAAGACCGGAGGCTACCTGGTCTACTGCACCTGTTCCATTACGGTGGAAAGAGAACGAGTGGGTGGTAG
 ACTATGCCTTGAAGAAGAGGAATGTGCGCTGGTGCACCGGCTGGACTTCGGCCAGGAAGGTTTTAC
 CCGCTTCCAAGCAAGGCGCTTTACCCCACTCTGCGTTCCACCGGCGCTTCTACCCTCACACTCACAAT
 ATGGACGGTTTTCTTATCGCCAAGTTCAAGAAATTTTCCAATTCTATTCCCAGCCCCATGCAGGAAACT
 CGGCAGCAGCTACCCCTACAGAGCTGACCTGAAGGATCAGGTCACCCCAAGTCTGAGAACGGTAGTCA
 GCCCAAGAAAGCCCGTGGGGCTGTGAAGGCAAGCAGCAGTGTGAGACAGCCACATTCCAAGAAG
 CCCTTCCAGAAGTTGAACGGCATCGCCAAGGGCCAGGCTGTCCACTGAACCTTCTGTCCAGATGCC
 AAGTGTCTACCAGGCCAGTCACTGTGTTGGAAATGCTGACGTGAACAGCAACGAAAGAGTCTGAGAA
 GCTGAAGCAGCGGGACCTAAGTGAAGCCCTCTAAGGAGGCTGCTGTCCAAAGCCGAGCGCCCTTCC
 AGGGTTGAGGACTCGGGAACACCTGTGCGGACTCCCTCTGAAATCCGTGCTGCCCAAGGCCAAGGACT
 GTGCTCCATCCCTTGGGAAAGCCAAAAAGAAACAGAAAGGAAAGCAGCAGTTAGCACAGCAGCCTGCTAA
 TGGAGCTGCTCCCTGAAAGAAGATGCTGTTTCCAAGGGACCCTCAGCCCCCTTTGTGCTCCCCACAGT
 TCCACCAGGCCCCACCAGCAAAAAGGAGGAAATCAATGACAAAGGGCAACAGCCAGCCTCTGTTGTCTT
 AAATGGACTTGGAAACTTGACATTGTCTCTGGGTTGGAACCTTTAGATCCTGATGCAAGGCTGGCCTCCC
 CCTGTGCATACATATGAAATTTAATATACATATTACCACTCCTAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_138747

Insert Size: 2382 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: [BC007151](#), [AAH07151](#)

RefSeq Size: 2578 bp

RefSeq ORF: 2382 bp

Locus ID: 110109

Cytogenetics: 6 59.32 cM