

Product datasheet for **MC222168**

Nop14 (NM_029278) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nop14 (NM_029278) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nop14
Synonyms:	2610033H07Rik; Nol14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222168 representing NM_029278
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGAAAGCCAAGCGGACTGGGGCGCGGAGGCAGGTCCACAAAGCGCCCGAGGGCGTCCGGAGGCC
 CGGCGAAAACAAACCCAAACCCATTTGAAGTGAAAGTCAACCGCAGAAGTTCAGATCCTTGCCAGGAA
 GACGCGCCACGATGTGGCCTGCCCGGGGTGTCCCGCGCTCGTGCCATCAGGAAGAGAACCCAAACTTTA
 CTAAGGAGTACAAAGAAAGGAACAAGTCCAATGTGTTCCGACAGCAACGCTTTGGGGAGTATAATAGCA
 ACATAAGCCCAGAGGAAAAGATGATGAAGAGATTTGCTCTGGAGCAACAGCGATATCATGAGAAAAAGAA
 CATCTACAACCTAAATGAAGATGAAGAATTGACTCATTATGGCCAGTCTTGCTGACATTGAAAAGCAT
 AATGACATTGTGGACAGTGACAGTGATACTGAAGACCGGGGGCATTGTCAGCTGAAGTACTGCTTCCC
 ACTTTGGTGGTGGGTCCACAAGAACAGCTCTCAGAAGGAGGGCGAGGATGGAGACAAGCCAAAGACACG
 GAAGGAAGTATTGAGGAGCTCATTGCAAAGTCAAAGCAAGAGAAGAGGGAAAGACAGGCTCAGCGAGAA
 GATGCCCTTGAGCTCACAGAGAAGCTGGACCAAGACTGGAAGAAATACAGATTCTCATGTACGAAAAC
 CTAAGAAGTCAGAAGACAAGAGAAAAAGAAAAACCCAGCCCGATGAATATGACATGATGGTTCGTGA
 GCTTGGCTTTGAAATGAAGGCTCAGCCCTAACAGGATGAAAACAGAAGAGGAACTAGCAAAGGAGGAG
 CAAGAGAGGCTCAAGAAGCTGGAGGCTGAAAGACTTCAAGAAATGCTTGGAAAAGATGAACATGAAAATA
 AAAAGAAACAAAACATACATCAGCAGATGATTTAAATGATGGCTTTATACTGGATAAAGACGATAGGCG
 CTTGCTTTCTTACAAGGATGGGAAGTGAACATTGAAGATGTCCAGGAAGAGCAAAGCAAGGAAGCAGAT
 GGGCAAGAGAATGACCAGAAAGAGGGAGAAGTACAGTGAAGGAAGGATGAGAGCCATGAGGACTCAG
 AAGAGGTGAGGACCCAGACACCCTCAGACCTAGAATCTAATATAGAGAGTGAAGGAAAGCAAGCAAGCAGAC
 ACCGAAGAAGGAGCAACGTCAGACTCCTGGGGGAAGTTGCCAAAGGATGACCAGAAAGCTCAAAAGGCT
 GTTGACAGTGAAGTGCCTATGTCTTTCAGCTCCTGAATCCTTTGAGGAGCTGAAGTTTTTATTGTCAG
 GAAGATCAATGGAAGAGCAACTTTTGGTGGTGGAAAGAATTCAGAAGTCAACCATCCAAGTCTTGCAGT
 AGGAAACAAAGCAAAATTTGAAAAATTTGTTGGCTTCTCTTGAATACATAGGAGATTTGGCTACAGAC
 AGCACACCAGACCTCAAGACCATCGATAAGTTGGTTGTGCACTTATATAGTCTTTGCCAGATGTTTCTG
 AGTCTGCAAGTACTCCATAAGATTTGTTCTCCGAGATGCCATGCACGAGATGGAAGAAATGATTGAGAC
 CAAAGGCCGGCAGCGTTTCCAGGGTTGGATGTGCTCATTATTTGAAAATCACTGGGCTGTTGTTTCCA
 ACCTCTGATTTCTGGCATCCAGTTGTGACTCCTGCCCTGTGTATGAGCCAGATGCTTACTAAGTGTG
 CAGTCATGTCCTACAAGATGTGATAAAGGGCCTGTTTGTGTGCTTATTCTGGAGTACGTGTCCT
 GTCTCGGAGGTTTCATCCCGAGCTATTCATTTTCTACTTGGGATTCTTTATATAGCAACTCCAAACACA
 AAGAGCCAAGGTTCCACTCTGGTGCACCCTTTAGAGCACTTGGGAAGAACTCGGAATGCTCGTGGTCT
 CCGACAAAGCAGATGTGACCACCTGGCAGAGGGGAAGCCTCCCCTTGCACTGGGCAATAGACTGAGCAC
 CCTGACAGCGACTGAGGCAATCACACCAGGCTGTCTGCGTAGCCTCGTGTGTTGAGCCTGATGAAGCAC
 TGCGTGTCTATGTACCAGGCACTGCCGTCCTCCACGCCATCTCAGGCCCATCAAGCCCTCCTGTGCA
 AGCATCTTGAGATTGTAGCCTCCCCAAGAATTCAGGAGCTGGCTCAAAGCATACTGTGAGCAATGGA
 AGGCCAGAAGCAGCACTGCCGCCGCTGGTGTGTGAGAAGAGCAAGCCCGTCCCCTGAAAGCAATTCACC
 CCCCGGCTAGTCAAAGTGTGAGTTGGACGGAAACAAGGCAGCAGTAAAGAAGAACAGGAAAGGAAAA
 GACTAATCCACAAACACAAGCGGAATTTAAAGGCGCCGTCAGAGATCCGAAAGGACAATCAGTTCT
 GGCCAGGATGAGCTCTCAGAAATCATGAAAGGGATGCAGAAAGAAAGCGTAAAGTAAAACAGCTTTT
 AATAGCTGGCCACGCAAGAAGTGAATGGAAGGCTCTTAAGAGGAAAAAGTTCAAAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029278
Insert Size: 2583 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:	<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:	NM_029278.2 , NP_083554.2
RefSeq Size:	2702 bp
RefSeq ORF:	2583 bp
Locus ID:	75416
UniProt ID:	Q8R3N1
Cytogenetics:	5 B2
Gene Summary:	Involved in nucleolar processing of pre-18S ribosomal RNA. Has a role in the nuclear export of 40S pre-ribosomal subunit to the cytoplasm (By similarity).[UniProtKB/Swiss-Prot Function]