

Product datasheet for **RN213228**

Nop58 (NM_021754) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nop58 (NM_021754) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nop58
Synonyms:	Nap65; Nol5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN213228 representing NM_021754
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTTGGTCCTATTTGAAACGTCGGTGGCTACGCCATCTTTAAGGTTCTGAATGAGAAGAACTTCAAG
 AGGTTGATAGTTTGTGGAAAGAATTTGAACTCCAGAGAAAGCAAATAAAATAGTAAAGCTAAACATTT
 TGAGAAATTTTCAGGATACAGCAGAACATTAGCAGCGTTACAGCTCTGATGGAAGGCAAGATCAATAAG
 CAGCTGAAAAAAGTTTGAAGAAATAGTCAAAGAAGCCCATGAACCTCTGGCTGTAGCTGATGCTAAGC
 TAGGAGGGGTCATAAAGGAAAAATTGAATCTCAGCTGTATCCATAGTCTGTTGTTAATGAACCTATGAG
 AGGAATACGATCACAATGGATGGCTTGATTCTGGGGTAGAACACGGGAGATGGCAGCCATGTGTCTT
 GGACTAGCCACAGCCTATCTCGATACAGATTGAAATTCAGTGCTGATAAAGTAGACACAATGATCGTTC
 AGGCAATTTCTTGTAGATGACTTGGATAAAGAATAAACAACACATTATGCGGTGTAGGGAATGGTA
 TGGCTGGCATTCTCTGAGTTAGGGAATTTATTCAGATAATTTGACATACTGCAAGTGTTACAGAAA
 GTTGGAGACAGGAAGAACTATGCATCTGCCACTCTTTCTGAATTCCTGTCAGAGGAAGTAGAAGCTGAAG
 TGAAAGCAGCTGCAGAGATCTCTATGGGAACAGAGGTTTCTGAAGAAGATATTTGCAACATTCTACATCT
 GTGTACTCAGGTCATTGAAATTTCTGAATATAGAAGTACAGCTGTATGAATATCTGCAAAACCGAATGATG
 GCCATTGCACCAATGTTACAGTCATGGTTGGGGAGTTGGTTGGAGCGCGGCTTATTGCTCATGCAGGTT
 CTCTTTTGAAATTTGGCCAAGCATGCAGCTTCTACAGTTCAGATTCTGGGAGCAGAAAAGGCACTTTTCAG
 GGCCCTCAATCTAGACGAGACACCTAAATATGGGCTTATTTATCATGCTTCTTGTAGGCCAGACG
 AGTCCCAACACAAAGGAAAGATTTACGAATGCTGGCGGCCAAAAGTGTGTTGGCTATCAGATACGACG
 CCTTTGGTGAAGATTCAGCTCTGCAATGGGAGCTGAGAACAGAGCCAAATTAGAGGCCAGATTGAGGAT
 TTTGGAGGACAGAGGGATAAGAAAAATAAGTGGAACGGGAAAGGCATTAGCAAAAGCAGAAAAGTATGAA
 CACAAAAGTGAAGTGAAGACTTACGATCCCTCTGGTGACTCCACACTTCCAATTGTTCTAAAAACGCA
 AAATAGAAGAGGTTGATAAAGAGGATGAAATTACTGAAAAGAAAGCAAAAAAGCCAAGATTAATTTAA
 AGCTGAAGTAGAGGAGGATGGAGGAGCGGAGGAAGAACAGGTAGTAGAAGAGGAGCCGACTGTAAAG
 AAGAAAAAGAAGGATAAAAAGAAACACATAAAGGAAGAGCCACTTCCGAGGAGGAGCCATGCACCA
 GCACAGCAGTTCCTAGTCCAGAGAAAAAGAAGAAAAAGAAAAAAGAAAGATGCTGAAGACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_021754

Insert Size: 1605 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:	<u>NM_021754.1, NP_068522.1</u>
RefSeq Size:	1980 bp
RefSeq ORF:	1605 bp
Locus ID:	60373
UniProt ID:	<u>Q9QZ86</u>
Cytogenetics:	9q31
Gene Summary:	component of the box C/D class of small nucleolar ribonucleoprotein particles (snoRNPs); may catalyze the modification of ribosomal RNAs [RGD, Feb 2006]