

## Product datasheet for **RN205032**

### **Nop56 (NM\_001025732) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nop56 (NM_001025732) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nop56
Synonyms:	Nol5a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN205032 representing NM\_001025732  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTTCTGCTGCACGTGCTCTTCGAGCATGCGGTGCGCTACGCGCTGTTAGCGTGAAGGAAGTAGAGG  
 AGATCAGCTTGCTGTTGCCGCAGGTGGAGGAGTGTGCTTAACCTTGGCAAATCCACAATGTCGTTCCG  
 TCTGGTGGCCTTTTGCCCTTTTCTTCATCCCAGGTTGCCTTGGAAAATGCTAATGCTGTGCTGAAGGT  
 GTTGTTCATGAGGACCTCCGCTGCTCCTGGAGACATACCTGCCATCTAAAAAGAAGAAAGTACTTCTGG  
 GGTGGGAGACCCCAAGATCGGTGCTGCTATACAGGAAGAGTTGGGGTACAACCTGCCAGACTGGTGGTGT  
 GATAGCTGAGATCCTTCGAGGGGTTGCTGCTGCTTTCCATAACCTGGTGAAGGGTCTGACAGATCTTTCT  
 GCTTGAAAGCCAGCTAGGGCTGGGACACAGCTATTCTCGTCCAAAGTTAAGTTAATGTGAACCGGG  
 TGGACAACATGATCATTAGTCTATAAGCCTTCTGGACCAACTGGATAAAGATATCAATACCTTCTCCAT  
 GCGTGTACAGGAGTGGTATGGGTACCACCTTCCAGAGCTGGTGAAGATTATCAACGACAATGCTACATAC  
 TGTGCGCTGGCTCAGTTCATCGGAACCGCAGGGAGCTAAATGAAGAAAAGTTAGAGAAGCTGGAAGAAA  
 TTACAATGGATGGAGCCAAGGCTAAGGCCATTCTGGATGCCTCTCGGTCTCCATGGGCATGGACATATC  
 TGCTATCGACTTGATAAACATCGAGAGCTTCTCCAGTCGTGTGGTGTCTTTGTCAGAGTATCGCCAGAGC  
 CTACACAATTACCTTCGCTCCAAGATGAGCCAAGTAGCCCCAGCCTGTGAGCCTTAATTGGGGAAGCGG  
 TAGGTGCACGCTCATTGCCCATGCTGGCAGCCTCACCAACCTGGCCAAGTACCCAGCATCCACAGTGCA  
 GATCCTTGGGGCTGAAAAGGCCCTGTTCCAGAGCCTGAAGACAAGGGGTAACACACCAAAAATACGGACTC  
 ATTTTTTATTCCACTTTTATTGGCCGAGCAGCTGCAAAGAACAAGGCCGTATCTCCCGATACCTAGCAA  
 ACAATGCAGTATTGCCCAAGAATTGATTGCTTCTCTGAGGTCCCACAAGTGTATTTGGGGAGAAAAT  
 CCGGGAACAAGTTGAAGAGCGGCTTTCTTTCTATGAGACTGGAGAGATTCCACGGAAGAACCTGGATGTC  
 ATGAAAGAAGCTGTGGTACAGGCAGAGGAAGCGGCTGCTGAAATAACAGAAAAGCTGAAAAACAGGAGA  
 AGAAACGCTTGAAGAAGGAAAAGAAGCGACTGGCTGCACTGGCCCTGGCCTCTTCAGAAAACAGTAGTAC  
 TCCGGAAGAGTGTGAGGAGGTAATGAAAAACCTAAGAAGAAAAAGCTAAAAACCCAGGAAACCTACAG  
 GAAAATGGAATGGAAGACCCACCTGTCTCTTGCCTAAAACCAAGAAAAAGAAAGCTTTTCCAAGGAGG  
 AGTTGGCCAGTGATCTTGAAGAGATGGCTACTAGCAGCATAAGTGTTCCTAAGAAAAAGAAGTCTTACC  
 TAAAGAGGAAGTGCCAGTGAACCCGAAGAGGCAGCGAGCCCATCACCCCTAAGAAGAAAAAGAAATTT  
 TCTGAGGAGCCTGAGGCTGCTGCAAGCTGCACAAAGAGCAGCACAAAGAAAAAGAAAAGTGCAGAAAG  
 CCCGGGAGGAGGAT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001025732

**Insert Size:** 1767 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:** [NM\\_001025732.1](#), [NP\\_001020903.1](#)

**RefSeq Size:** 1936 bp

**RefSeq ORF:** 1767 bp

**Locus ID:** 362214

**Cytogenetics:** 3q36