

## Product datasheet for **RN202384**

### **Nod1 (NM\_001109236) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nod1 (NM_001109236) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nod1
Synonyms:	RGD1562269
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202384 representing NM\_001109236  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGAAGCGCGCCAACATGAGATGGAAGCGTCCCAGCCGGTTGCTACTCCACATTAACCTGTTGA  
 GGATCAACAGGGAACACCTGGTCAACAACATTCGGAACACTCAGTGCCTGGTGGACAACCTGCTGGAGAA  
 CGGTTACTTCTCAGCCGAGGATGCAGAGATCGTGTGTGCTTGTCTACCCAGCCTGACAAGTCCGAAAG  
 ATCCTTGACCTGGTGCAGAGCAAAGGTGAGGAGGTGTCTGAGTTCTTCTCTACGTGCTACAGCAGCTGG  
 AGGATGCTTACGTGGACCTCAGGCTGTGGCTATCAGAGATTGGCTTCTCCCTTCCAGCTCATCCGGAC  
 CAAAATATCGTCAATACTGACCAGTAAGCAGGTATACCCAGCAGCTGCGACACCAACTGGGCCGCGAT  
 TCCAAGTTCATGTGTGTACGCTCAGAAGGAGGACCTGTGCTGGAGGAGACCTATATGGACACTCA  
 TGGAGCTGGTAGGCTTCAACAATGAAAACCTGGGCAGCCTAGGAGGCCTGGATTGCCTGTGGACCACAG  
 CACAGGTGCTCTCAACGAGCATGGCGAGACTGTCTTCGTGTTCCGGGACGCGGGAGTTGGCAAGTCCATG  
 TTGCTACAGAGGTTGCAGAGCCTCTGGCGCTCTGGCAGGCTGGCCTCAAAGCCAAATTTCTTCTCCACT  
 TTCGCTGCCGTATGTTACGCTGCTTCAAGGAGAGCGACACATTGACTCTGCAAGACCTGCTCTTCAAGCA  
 TTTCTGTACCCGGAGCAGGACCCGAGGAGGTGTTCTCCTTCTTGTGCTGCGCTTTCCCCACACAGCGCTC  
 TTCACTTTTACGGCCTGGATGAGCTGCACTCAGACTTCGACATGAGCCGCTGCCGGACAGCTGCTGCC  
 CCTGGGAGCCGGCGCACCTCTGGTCTGTAGCTAACCTCCTAAGCGGGAGGTTGCTCAAGGTTGCGGG  
 CAAACTGCTCACTGCTCGCACAGGCGTGGAGGTCCCCGCCAGCTCCTGCGCAAAAAGGTGCTGCTCCGG  
 GGTTTTTCCCCAGCCACCTGAGAGCCTATGCCCGCCGGATGTTCCCGAGCGCACCGCGCAGGAACATC  
 CTTCGATGTTTTCCAGCATTTCCACACGGCCTTCGAGGGCTCCTCGCAGCTGCCGGACTGCGCTGTGACC  
 CTGACCGATGTCTTTCTGCTGGTACCAGGTGCATCTGAACAGGACGCAGCCCATCAGCCTGATGCAGC  
 GAAACACGCGCAGCCCGCGGAAACCTACGTGCAGGCTGGCGCACGCTGCAGGCGCTGGGAGAGGTGGC  
 TCACCGAGGCACGGACAGGAGTCTTTTGTGTTTGGCCAGGAGGAGTGCAGGCGTCGAAACTGCAGGAA  
 GGGGATCTGCAGCTGGTTCCTGCGGGCTTGGCCGATGTGGGCCCTGAACAAAGTCAAGCTTATG  
 AATTTTTCCACCTTACGCTCCAGGCTTTCTTCACTGCCTTCTTCTGGTAGCAGATGACAAAGTGAAC  
 CCAGGAATTGCTAAGGTTCTTTGAGAATGGACGCTCCTCCGGGGAGGCAACAAGCAGTCTGCTATCCT  
 TCCTTCTTCTCCTCCAGTGCCTGGGTAGCGGTAGCCGTTGGGCCCTGATCCTTTCAAGAACAAAGATC  
 ACTTCCAGTTCACCAACCTCTTCTTGTGCGGGCTGCTGGCCAAAGCCCGACAGAAACTCCTTCCAGAGCT  
 GGTGCCCAAGGCTATCCTAAGGAAGAAGCGCAAGGCCCTGTGGGCTCACCTGTTTGCCAGCTGCGCTCC  
 TACTTGAAGAGCCTACCCCGGTCCAGTCTGATGGGTTTAAACCAGGTACATGCCATGCCACATTCTGT  
 GGATGCTGCGCTGCATCTATGAGACACAGAGTCAGAAGTGGGGCGCTTAGCCGCCAGGGGCATCAGTGC  
 GGACTACCTCAAGCTAGCCTTCTGCAATGCTTGTCTGCCGACTGATGCTTGTCTTCTCGTCTGCAT  
 CACTTCCACAGACAGCTGGCCCTAGACCTGGACAACAACAACCTCAATGACTATGGAGTTCGAGAGCTGC  
 AGCCTTGCTTTAGCCGTCTCACGGTTATCAGACTCAGTGTCAACCAGATCACCGACATGGGGTGAAGGT  
 GCTGTGTGAGGAACTGACCAAGTACAAAATCGTGACATTCTTGGGTTTATACAACAACCAGATCACTGAT  
 ATCGGAGCCAGGTATGTGGCCAAATCCTGGATGAATGCAGAGGCTCACGCACCTTAAACTGGGGAAAA  
 ACAGAATAACAAGTGAAGGCGGCAGGTGTGTGGCCAGGCTGTGAAGAACAGCACCTCATTGTTGAGGT  
 TGGGATGTGGGCAATCAGATTGGAGACGAGGGAGCAAAAGCCTTCCGAGAGGCGCTGAGGGACCACCC  
 AGCCTGACCCTTCTAGTCTTGCATTCAATGGCATCTCCCGGAGGGAGGGAAGCCTTGCACAGGCC  
 TGAAGCAGAACCACCTCTGACAATAATCTGGCTGACCAAAAATGAACTAATGATGAGGCCGAGAGTGC  
 CTTCCGCGAGATGCTGAGGTTGAACCAGACTGAAGCATTTATGGCTAATCCAGAATCATATCACAGCT  
 GAGGGGACAGCCAGCTGGCCAGGCACTGCAGAAGAATACCACCATCACAGAGATTTGCCTCAATGGAA  
 ACTTAATTAAGCCGAGGAGGCCAAAGTCTTTGAAAATGAGAAGCGGATCATCTGTTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

<b>ACCN:</b>	NM_001109236
<b>Insert Size:</b>	2862 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001109236.1</a></u> , <u><a href="#">NP_001102706.1</a></u>
<b>RefSeq Size:</b>	4110 bp
<b>RefSeq ORF:</b>	2862 bp
<b>Locus ID:</b>	500133
<b>Cytogenetics:</b>	4q24