

## Product datasheet for RN210907

### Neurod1 (NM\_019218) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Neurod1 (NM_019218) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Neurod1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210907 representing NM_019218 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACCAAATCATACAGCGAGAGCGGGCTGATGGGCGAGCCTCAGCCCCAAGTCCCCAAGCTGGACAG  
ACGAGTGCCTCAGTTCTCAGGACGAGGAACACGAGGCAGACAAGAAGGAGGATGAGCTTGAAGCCATGAA  
TGCAGAGGAGGACTCTCTGAGAAATGGGGGAGAGGAGGAGGATGAAGATGAGGATCTGGAAGAGGAGGAA  
GAGGAGGAGGAAGAGGAGGATGATCAAAAGCCCAAGAGACGGGGCCCCAAAAAGAAAAGATGACCAAGG  
CGCGCTAGAGCGTTTTAAATTAAGACGCATGAAGCCCAATGCCCGAGCGGAACCGCATGCACGGGCT  
GAATGCGGCGCTGGACAACCTGAGAAAGTGGTACCCTGCTACTCTAAGACACAGAAGCTGTCTAAGATA  
GAGACACTGCGCTTGGCCAAGAATATATCTGGGCTCTGTGAGAGATCCTGCGCTCAGGCAAAAGCCAG  
ACCTCGTCTCCTTTGTACAGACTCTGCAAAGTGTGCCCAGCCCACTACCAATTTGGTGGCTGGCTG  
CTTGACGCTCAACCCCGGACTTTCTTGCCTGAGCAGAAATCCGGACATGCCCCACACCTGCCAACCGCC  
AGCGCTTCTTCCCGGTGCATCCCTACTCCTACCAGTCCCCTGGACTGCCAGCCCGCCCTACGGCACCA  
TGGACAGTCCCATGTCTTCCACGTCAAGCCGCCACACGCCTACAGCGCAGCCCTGGAGCCCTTCTT  
TGAAAGCCCCCTAACTGATTGCACCAGCCCTTCTTTGACGGACCCTCAGCCCGCGCTCAGCATCAAT  
GGCAACTTCTCTTCAAACACGAACCATCCACCGAGTTTGAAAAAATTATGCCTTTACCATGCACTACC  
CTGCAGCGACCCTGGCAGGGCCCCAAAGCCACGGATCAATCTTCTCCTCGGGTGGCGCTGCCTCCTGCTG  
TGAGATCCCATAGACAATATTATGTCTTTCGATAGCCATTTCGCATCATGAGCGAGTCATGAGTGCCAG  
CTTAATGCCATCTTTCACGATTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_019218



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<b>Insert Size:</b>	1074 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>	<a href="#">NM_019218.2</a> , <a href="#">NP_062091.1</a>
<b>RefSeq Size:</b>	1834 bp
<b>RefSeq ORF:</b>	1074 bp
<b>Locus ID:</b>	29458
<b>UniProt ID:</b>	<a href="#">Q64289</a>
<b>Cytogenetics:</b>	3q24
<b>Gene Summary:</b>	a transcription factor; involved in neuronal differentiation [RGD, Feb 2006]