

## Product datasheet for **RN211380**

### Neurod4 (NM\_001105942) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Neurod4 (NM_001105942) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Neurod4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211380 representing NM_001105942 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCAAAAATGTACATGAAATCCAAGGATATGGTGGAGCTGGTCAACACACAATCTTGGATGGACAAAG  
GTCTGAGCTCTCAAAATGAGATGGAGGAGCAAGAGAGAAGACCAGGCTCTATGGAATGCTTGGAACTT  
AATGGAAGAGCATGACAGTATTGAAGAGGAGGAAGAAGAGAAGATGGAGATAAGCCTAAAAGAAGA  
GGCCCAAGAAAAAGAAGATGACTAAAGCTCGCCTGGAAAGGTTCAAGGGCTCGAAGAGTCAAGGCCAATG  
CTAGAGAACGAACCCGGATGCATGGCCTGAATGATGCCTTGATAATCTTAGAAGAGTCATGCCATGTTA  
CTCTAAAATCAAAAGCTTTCCAAGATAGAGACTCTTCGACTGGCAAGGAACACTACATCTGGGCCTTGCT  
GAAGTCTTGGAACTGGTCAGACACTTGAAGGGAAGGGATTTGTGGAATGCTATGTAAGGTCTCTCTC  
AGCCACAAGCAACCTGGTTGCTGGATGCCTCAAAGTGGGCCTCAATCTGCCCTCTGGAGAAGCGTGA  
GGAAAAATCTCCAATTTGTGACTCTACTGTCTGTCCACAGCTCAACTATCAGTCTCCAGGGCTCCCC  
AGCCCTCCTTATGGCCATATGGAACACATCCTCTCCATCTCAAGCCTCAACCATTTAAGAGTTTGGGAG  
ACTCTTTTGGGAGCCATCCACCTGACTGCAGTACCCCCCTTATGAGGGTCCACTCACACCACCCTGAG  
TATTAGTGGCAACTTCTCCTTAAAGCAAGAGGGCTCCCCGACTTGGAAAAATCTACAACCTTCATGCCA  
CATTATACCTCTGCAAGTGAAGTTCAGGGCATGTGCATTCAACGCCCTCCAGACTGGCACTCCACGCT  
ATGATGTTCTGTAGACCTGACCTATGATTCTACCCCCACCACGGTATTGGAACCTCAGATCAATACAAT  
CTTCTCCGATTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001105942
Insert Size:	993 bp



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<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_001105942.1</a></u> , <u><a href="#">NP_001099412.1</a></u>
<b>RefSeq Size:</b>	3314 bp
<b>RefSeq ORF:</b>	993 bp
<b>Locus ID:</b>	288821
<b>Cytogenetics:</b>	7q11