

## Product datasheet for RN213664

### Nif311 (NM\_001024763) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nif311 (NM_001024763) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nif311
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213664 representing NM_001024763 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGGATCGCC

ATGCTGTCATCTGCACACGTGGTCCCTACAAGTGTGCGACGTGCCCCATCGTGGATCTGCAGCTCTTCCC  
GTTCCCTCATGGATCTGAAGGCTCTTCTCTCTTCTTGAATGACTTTGCCTCCCTCCTCATTTGCTGAGAG  
CTGGGACAATGTGGGTTGCTGGTGGAGCCAAGCCCGCCCATACTGTAATACACTCTTCTGACCAAT  
GACCTGACGGAGGAGTTCATGGAGGAGGCTCTGCAAAAGAAGGCAGATCTCATTCTCCTACCATCCAC  
CTATCTCCGGCCATGAAGCACATAAATTGGAAGACCTGGAAGGAGCGCCTTGATCCGGGCTCTGGA  
GAACAGAGTCGCCATCTACTCTCCACACGGCCTATGACGCCGACCCAGGGAGTCAACAGCTGGTTG  
GCCAAAGGGCTCGGAACCTGCACTACCAGGCCATCCACCCTTCCAAAGCTCCGAACTACCCACAGAGG  
GAACTCACCGACTAGAATTCAGTGCGAACCACAGCCAAGACCTGGACAAAGTCATGTCTGCTGTGAAAGG  
GGTTGGAGGTGTCTGTACCTCTTTTCTGCCAGGTGTGATGGTGGAGGAGCAACACGGGTGAGTCTG  
AATTGTAAGTCTGAGGCTTTGATGCAGGTGCTAGCTTTTCTCTCCAGGACAGACAATTTATCAGAAAA  
CTGAAATTTCTTTCTTTGGAGAAGCCTTTGCTTCTGCATACTGGAATGGGACGCTTGTGCACACTGGATGA  
GTCTGTCTCCCTGGCAACAATGATAGAAGCAATCAAAGACACCTAAAGCTGCCTCATCTTCGCTTAGCT  
CTTGGAGTGGGGAGGACCTTAGGCATAGGATGGCCTCAAACAAGTTCCTTTTCTTCTATCTCCGAA  
GTACTGGGATTCAAGTGTATATTGCTATTATTCATAGTCTCCAGTCAAAGTTGTGGCCCTGTGTGCTGGT  
TCTGGGGCAGCGTTCTACAAGGAGTAG

ACGGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001024763
Insert Size:	1008 bp



[View online »](#)

<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_001024763.1</a></u> , <u><a href="#">NP_001019934.1</a></u>
<b>RefSeq Size:</b>	1534 bp
<b>RefSeq ORF:</b>	1008 bp
<b>Locus ID:</b>	301431
<b>Cytogenetics:</b>	9q31
<b>Gene Summary:</b>	May function as a transcriptional corepressor through its interaction with COPS2, negatively regulating the expression of genes involved in neuronal differentiation.[UniProtKB/Swiss-Prot Function]