

## Product datasheet for **RN215036**

### Nr2f1 (NM\_031130) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nr2f1 (NM_031130) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr2f1
Synonyms:	COUP-TFI
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215036 representing NM_031130 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCAATGGTAGTTAGCAGCTGGCGAGATCCGCAGGACGACGTGGCCGGGGCAACCCCGCGGCCCA  
ACCCCGCAGCGCAGGCAGCCCGCGGGCGGCGCGGCGAGCAACAGCAGCGGGCTCCGGCGCGCCGCA  
CAGCCCGCAGACCCCGGCCAGCCGGAGCGCCGCCACCCCGGCACGGCAGGGACAAGGGCCAGGGC  
CCGCCCGGTTTCCAGCCAGAGCCAGCAGCACATCGAGTGGCTGGTGTGCGGGGACAAGTCGAGCGGAAGC  
ACTACGGCCAATTCACCTGCGAGGGCTGCAAAAGTTTCTTCAAGAGGAGCGTCCGCAGGAACCTAACTTA  
CACATGCCGTGCCAACAGGAAGTGTCCCATCGACCAGCACCACCGCAACCAAGTGCCTCACTGCCGCTC  
AAGAAGTGCCTCAAAGTGGGCATGAGGCGGGAAGCGGTTCCAGCGAGGAAGAATGCCTCCAACCCAGCCCA  
ATCCAGGCCAGTACGCACTCACAAACGGGGATCCCTCAATGGCCACTGCTACCTGTCCGGCTACATCTC  
CCTGCTGCTGCGAGCAGAGCCCTACCCACGTGCGGTTATGGCAGCCAGTGCATGCAGCCCAACAACATC  
ATGGGCATCGAGAACATCTGCGAGCTGGCAGCCCGCTCCTCTTCCAGCGCGTGCAGTGGCCCGCAACA  
TCCCGTTCTTCCCGGATCTGCAGATCACCGACCAGGTGTCCCTCCTACGCCTCACCTGGAGCGAGTGT  
CGTGCTCAACGCGGCCAGTGTCCATGCCCTGCACGTGGCCGTGCTGGCAGCAGCCGGCTACACGCC  
TCGCCATGTCCGCGGACCGGGTCTGGCCTTCATGGACCACATCCGCATCTTTCAGGAACAGGTGGAGA  
AGCTCAAGGCGTGCACGTGCACTCTGCCGAGTACAGTGCCTCAAAGCCATCGTGTGTTACGTCAGA  
TGCTTGTGGCCTGTGGATGCTGCACACATCGAAAGCCTGCAGGAGAAATCGCAGTGTGCACTGGAGGAA  
TACGTGAGGAGCCAGTACCCCAACCAGCCAGCCGCTTTGGCAAAGTGTGCTGCGATTGCCCTCTCTTC  
GCACAGTGTCTTCTGTGCATAGAGCAGCTCTTCTTCGTCGGTTTGGTAGGTAAAACCCCATCGAAAC  
TCTCATCCGAGACATGTTGTTGTCAGGGAGCAGTTTCAACTGGCCTTACATGTCCATCCAGTGTCTCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_031130
<b>Insert Size:</b>	1260 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_031130.1</a></u> , <u><a href="#">NP_112392.1</a></u>
<b>RefSeq Size:</b>	2514 bp
<b>RefSeq ORF:</b>	1260 bp
<b>Locus ID:</b>	81808
<b>Cytogenetics:</b>	2q11
<b>Gene Summary:</b>	acts as a transcriptional activator; inhibits neurite outgrowth; may regulate cell surface interactions during neurogenesis [RGD, Feb 2006]