

## Product datasheet for **RN206970**

### **Pou3f3 (NM\_138837) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pou3f3 (NM_138837) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pou3f3
Synonyms:	Brn1; RHS1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN206970 representing NM\_138837  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCACGGCGGCTTCTAACCCCTACCTGCCGGGAACAGCCTGCTCGGGCCGGATCCATTGTGCACT  
 CGGACCGCGCCGGGGCGGGCGGGCGGAGGGGGCGGGCGCGGTGGCGGGCGGGGGCGGGGGCGGGCGG  
 CGGCGGCATGCAGCCGGGAAGCGCCGCTGACCTCGGGCGCCTACCGGGGGATCCGTCCTCCGTCAAG  
 ATGGTCCAGAGTGACTTCATGCAGGGGGCCATGGCCGCCAGCAACGGCGGCCATATGCTGAGCCACGCGC  
 ACCAGTGGGTACCGCCCTGCCACGCTGCCGCCGCTGCCGCCGCTGCTGCCGCCCGCCGCTGGAAGC  
 CAGCTCACCGTGGTGGGCAGCGCGGTGGGCATGGCCGGCAGCCCCAGCAGCCACCAGGCCGCCGCC  
 CCGCCGCCGAGGGCCCGACGTGAAGGGAGGCGTTGGACCGAAGACTTGCACGCCGCACAGCGTTGC  
 ACCACCGCGACCGCCACTTGGGGCCCCGCCACCGCCCCCTACCAGGGACACCCTGGAGGCTGGGG  
 GGCCGCAGCCCGCTGCCGCTGCCGCCGCTGCCGCCGCTGCCGCCGCTCACCTCCGTCATGGCGGGC  
 GGCCAGCAGCCGCCCGCCAGAGTCTGCTGTACTCGCAGCCCGAGGCTTACCGTGAACGGCATGCTGA  
 GCGCGCCCCGGGGCCAGGCGGTGGCGGGCGGGAGCGGGCGGTGGAGCCAAAGCCTGGTTACCCCGGG  
 GTTAGTGC CGGGGACACGCCCGAGCTGGCGGAGCATCATCACCACCATCACCACCACGCGCACCCCGCAC  
 CCGCCGCACCCGCACCACGCGCAGGGACCCCCACATCACGGTGGCGGGGAGCGGGGCCAGGACTCAACA  
 GCCACGACCCGCACTCGGACGAGGACACGCCGACGTCTGACGACCTGGAGCAGTTCGTAAGCAGTTCAA  
 GCAGCGGCGCATCAAGCTGGGTTTACCCAGGGCAGCTGGGGCTGGCTCTGGGCACTCTGTATGGCAAT  
 GTGTTCTCGCAGACCACCATCTGCCGCTTCGAGGCCCTGCAGCTCAGTTTCAAGAACATGTGCAAGCTCA  
 AGCCGTTGCTGAACAAGTGGCTGGAGGAGGACAGCTCGAGCACCAGCCAGCCCCACCAGCATTGACAAGT  
 CGCAGCGCAGGGCCGCAAGCGCAAGAAGCGGACCTCCATCGAGGTTAGCGTCAAAGGCGCGCTGGAGAGC  
 CACTTCTCAAGTGCCTAAACCCTCGGCGCAGGAGATCACCAACTTGGCCGACAGCCTGCAGCTGGAAA  
 AGGAGGTCGTGCGGGTCTGGTTCTGCAACCAGCCAAAAGGAAAAACGCATGACGCCCCCTGGCATCCA  
 GCAGCAGACGCCGACGATGTCTACTCGCAGGTGGGGACCGTGAGCGCTGACACACCGCCACCGCACCCAC  
 GGGCTGCAGACCAGCGTGCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_138837
- Insert Size:** 1494 bp
- OTI Disclaimer:** 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).
- Components:** 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_138837.1</a> , <a href="#">NP_620192.1</a>
<b>RefSeq Size:</b>	3050 bp
<b>RefSeq ORF:</b>	1494 bp
<b>Locus ID:</b>	192109
<b>UniProt ID:</b>	<a href="#">Q63262</a>
<b>Cytogenetics:</b>	9q22
<b>Gene Summary:</b>	acts as a transcriptional activator in oligodendrocytes; may play a role in regulation of neural development [RGD, Feb 2006]