

## Product datasheet for RN216599

### Pou4f2 (NM\_134355) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pou4f2 (NM_134355) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pou4f2
Synonyms:	Brn-3.2; Brn-3B; Brn3b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216599 representing NM_134355 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGATGATGTCCTGAATAGCAAGCAGGCGTTCAGCATGCCTCATGCCGGCAGCCTGCATGTGGAGC  
CCAAGTACTCGGCGCTGCACAGTGCCTCCCCGGGTTCTCTGCGCCCGCGGCCCTCGGCCAGTTCCTCC  
TAGCAGCTCCAGCAACGCTGGCAGCGCGCGCGGCCGGCGCGCGCGCGCGGCTCGGAGGCGATGCGGAGAGCTT  
AGCAGCAGTTCAGCAGCAGTGGCAGCGCGCGCGGCCGGCGCGCGCGCGGCTCGGAGGCGATGCGGAGAGCTT  
GTCTTCAACCCACCGAGCAATATATTCGGCGGTCTGGATGAGAGTCTGCTGGCCCGTCCGAGGCTCT  
GGCCGCGGTGGACATCGTCTCCAGAGTAAGAGCCACCACCACCATCCGCCCCACCACAGCCCTTCAAG  
CCGGACGCCACTTACCACACCATGAACACCATCCCGTGCACGTCTGCCGTTCTCTTATCCGTGCCCA  
TCTCGACCCGTCGCTCTGGCTGGCACCACCACCACCATCACCACCACCACCACCATCACCACCACCACCAGCC  
ACATCAGGCTCTGGAGGGCGAGCTGCTGGAGCACCTGAGCCCCGGGCTGGCCCTGGGAGCCATGGCGGGC  
CCCGACGGCAGGTGGTGTCCACTCCGGCTCACGCACCGCACATGGCCACCATGAACCCATGCACCAAG  
CAGCCCTGAGCATGGCCACGCGCAGGTCTGCCCTCGCACATGGGCTGCATGAGCGACGTGGATGCAGA  
CCC CGGGACCTGGAGGCGTTCGCCGAGCGCTTCAAGCAGCGACGCATCAAGCTGGGAGTGACCCAGGCG  
GATGTGGTTCGGCGCTGGCCAACTCAAGATACCGGGCTAGGCTCGCTCAGCCAGACCACCATCTGCA  
GGTTGAGTCCCTACGCTGTGCAACAACAACATGATCGCGCTCAAGCCATCCTGCAGGCGTGGCTGGA  
GGAAGCAGAGAAATCCCACCGCAGAGAAGCTCACCAAGCCGAGCTCTTCAATGGCGCGGAGAAGAAGCGC  
AAGCGCACGTCCATCGCGGCGCCGAGAAGCGCTCACTGGAAGCCTACTTCGCCATCCAGCCAAGGCCCT  
CCTCGGAGAAGATCGCGGCCATCGCCGAGAAGCTGGATCTCAAGAAAAACGTAGTGCGGCTGTGGTCTG  
CAACCAGAGGCAGAAACAGAAGAGAATGAAATACTCAGCCGCATT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_134355
<b>Insert Size:</b>	1239 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_134355.1</a></u> , <u><a href="#">NP_599182.1</a></u>
<b>RefSeq Size:</b>	3210 bp
<b>RefSeq ORF:</b>	1239 bp
<b>Locus ID:</b>	171355
<b>UniProt ID:</b>	<u><a href="#">G3V7L5</a></u>
<b>Cytogenetics:</b>	19q11
<b>Gene Summary:</b>	member of the POU family of transcription factors; play key roles in the development of specific neuronal cell types [RGD, Feb 2006]