

## Product datasheet for MC209203

### Pou3f4 (NM\_008901) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pou3f4 (NM_008901) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pou3f4
Synonyms:	Brn-4; Brn4; oct-9; OTF-9; Otf9; Slf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209203 representing NM_008901 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCACAGCTGCCTCGAATCCCTACAGCATTCTCAGTTCAGCTCCCTTGCCATGCGGACTCCGCGG  
GCATGCAGCAGGGAAGTCCTTTCCGCAATCCTCAGAACTTCTCCAAAGTGACTACTGCAGGGAGTTCC  
CAGCAATGGGCATCCCCTCGGGCATCACTGGGTGACCAGTCTTAGCGACGGGGCCCGTGGTCTCCACA  
TTGGCCACCAGCCCCCTGGACCAGCAAGACGTGAAGCCGGGACGCAAGATCTGCAACTGGCGCAATCA  
TCCATCACCGCTCGCCGACGTAGCCCACCACTCGCCGCACACTAACCATCCGAACGCCCTGGGGAGCGAG  
CCCTGCTCCAACTCGTCCATCAGTCCAGCGGCAACCCCTCAATGTGTACTCGCAGCCAGGCTTCACC  
GTGAGCGGTATGCTGGAGCACGGGGACTCACTCCACCACCAGCTGTGCTCCACACAGAGCCTGCATC  
CAGTGCTCCGGGAGCCTCCAGACCATGGTGAGCTGGGCTCGCACCAGTCCAGGACCAGTCTGATGAAGA  
GACTCCAACCTCTGATGAGTTGGAACAGTTCCGCAAAACAATTCAAACAAGAAGAATCAAGTTGGGCTTC  
ACGCAAGCCGACGTGGGGCTGGCACTGGGCACACTGTATGGCAACGTGTTCTCGCAGACTACCATCTGCA  
GGTTCGAGGCCTTACAACCTGAGCTTCAAGAATGTGCAAGCTGAAACCGCTATTAATAAGTGGCTGGA  
GGAGGCTGATTCATCCACAGGAAGCCCCGACCAGCATTGACAAGATCGCTGCTCAAGGCCGCAACGCAAG  
AAGCGAACCTCCATCGAGGTGAGTGTCAAGGGCGTACTGAAACACATTTCCCTCAAGTGTCCCAAGCCTG  
CAGCGCAGGAGATCTCCTCGCTGGCAGACAGTCTCCAGTTGGAGAAAGAAGTGGTGCCTGTCTGGTTCTG  
TAATAGAAGACAAAAAGAAAAAGAATGACTCCGCCAGGGGATCAGCAGCCACACGAGGTTTATTGCGAC  
ACGGTGAAACAGACGCGTCTGCCACGATCT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII



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<b>ACCN:</b>	NM_008901
<b>Insert Size:</b>	1086 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>	<a href="#">NM_008901.2</a> , <a href="#">NP_032927.1</a>
<b>RefSeq Size:</b>	4730 bp
<b>RefSeq ORF:</b>	1086 bp
<b>Locus ID:</b>	18994
<b>UniProt ID:</b>	<a href="#">P62515</a>
<b>Cytogenetics:</b>	X 48.2 cM
<b>Gene Summary:</b>	Probable transcription factor which exert its primary action widely during early neural development and in a very limited set of neurons in the mature brain.[UniProtKB/Swiss-Prot Function]