

## Product datasheet for RN212288

### Pou3f4 (NM\_017252) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pou3f4 (NM_017252) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pou3f4
Synonyms:	RHS2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212288 representing NM_017252 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCACAGCTGCCTCGAATCCCTACAGCATTCTCAGTTCAGCTCCCTCGTCCATGCGGACTCTGCGG  
GCATGCAGCAGGGAAGTCTTTCCGCAATCCTCAGAACTTCTCCAAAGTACTACTGCAGGGAGTTCC  
CAGCAATGGGCATCCCCTCGGCATCACTGGGTGACCAGTCTGAGCGACGGGGCCCGTGGTCTCCACA  
TTGGCCACCAGCCCCCTGGACCAGCAGGACGTGAAGCCGGGACGTGAAGATCTGCAACTGGGAGCAATCA  
TCCATCACCGCTCGCCTCAGTAGCCACCCTCGCCCCACACTAACCATCCGAACGCCTGGGGAGCGAG  
CCCGGCTCCAAACTCGTCCATCAGTCCAGCGGCAACCTCTCAATGTGTACTCGCAGCCAGGCTTCAGG  
GTGAGTGGTATGCTAGAGCACGGGGACTCACTCCACCACCAGCTGCTGCCTCCACACAGAGCCTGCATC  
CAGTGCTCCGGGAGCCTCCAGACCATGGTGAAGTGGGCTCGCACCCTGCCAGGACCCTCGGATGAAGA  
GACTCCAACCTCTGATGAGTTGGAACAGTTCGCCAAACAATTCAAACAAGAAGAATCAAGTTGGGTTTC  
ACGCAAGCCGACGTGGGGCTGGCATTGGGCACACTGTATGGCAACGTGTTCTCGCAGACTACCATCTGCA  
GGTTCGAGGCCTTGCAACTGAGCTTCAAGAACATGTGCAAGCTGAAACCCTGCTAAATAAGTGGCTGGA  
GGAGGCTGATTCACACAGGAAGCCCGACCAGCATTGACAAGATCGCCGCTCAGGGCCGTAACCGCAAG  
AAGCGAACCTCCATTGAGGTGAGTGTCAAGGGCGTACTGGAACGCATTTCTCAAGTGTCCCAAGCCTG  
CAGCACAGGAGATCTCCTCGCTGGCAGACAGTCTCCAGTTGGAGAAAGAAGTGGTACGTGTCTGGTTCTG  
TAATAGAAGACAAAAAGAAAAAGAATGACTCCGCCAGGGGATCAGCAGCCACACGAGGTTTATTGCGAC  
ACGGTGAAAACAGATGCGTCTGCCACGATCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_017252
<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_017252.2</a> , <a href="#">NP_058948.1</a>
<b>RefSeq Size:</b>	1278 bp
<b>RefSeq ORF:</b>	1086 bp
<b>Locus ID:</b>	29589
<b>UniProt ID:</b>	<a href="#">P62516</a>
<b>Cytogenetics:</b>	Xq31
<b>Gene Summary:</b>	binds octamer motif containing DNA sequences; acts as a transcriptional transactivator; may play a role in early neural development [RGD, Feb 2006]