

## Product datasheet for RN214935

### Pou5f1 (NM\_001009178) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pou5f1 (NM_001009178) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pou5f1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214935 representing NM_001009178 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGGACACCTGGCTTCAGACTTCGCCTTCTACCCCCACCTGGTGGGGGTGATGGGTGAGCAGGGC  
TGGAGCCGGGCTGGGTGGACCTCGAACCTGGCTAAGCTTCCAGGGGCCCAAGTGGCCCTGGAATCGG  
ACCAGTTCAGAGGTGCTGGGGATCTCCCGTGTCCCCCAGCATACGAGTCTGTGGAGGGATGGCATA  
TGTGGACCTCAGGTTGGACTGGGCCTAGTCCCCAAGTTGGCGTGGAGACTCTGCAGCCGAGGGCCAGG  
CAGGAGCACGAGTGGAGAGCAACTCGGAGGGAGCCTCCTCTGGGCCCTGTACTGCCCGCCCCAGGCCGT  
GAAGTTGGAGAAGGTGGAACCTAGTCCCAGGAGTCCCAGGATATGAAAGCCCTGCAGAAGGAGCTAGAG  
CAGTTTGGCAAGCTGCTGAAACAGAAGAGGATCACCTTGGGGTACACCCAGGCCGACGTGGGGCTCACCC  
TGGGCTTCTCTTTGAAAGGTGTTGAGCCAGACAACCATCTGCCGTTTCGAGGCCCTGCAGCTCAGCCT  
TAAGAATGTGTAAGCTGCGGCCCTGCTGGAGAAGTGGGTGGAGGAAGCTGACAACAACGAGAACCTT  
CAGGAGATATGCAATCGGAGACCCTGGTGCAGGCCCGGAAGAGAAAGCGGACTAGCATTGAGAACCGTG  
TGAGGTGGAACCTGGAGAACATGTTTCTGCAGTGCCCGAAGCCCTCCCTGCAGCAGATCACTAGCATTGC  
CAAGCAGCTTGGGCTGGAGAGGGATGTGTTTCGAGTGTGGTTCTGTAACCGGCCCGAGAAGGGGAAAGA  
TCGAGCATTGAATATCCCAACGAGAAGAGTATGAGGCCGCGGGAAACCTTCCAGGGGGGGCTGTGT  
CCTTCTCTGCCCCAGGCCCCCACTTTGGTGTCCAGGCTATGGGAGCCCCATTTACCACACTCTA  
CTCGGTCCCTTTCTGAGGGCGAGGCCTTCCCTCTGTTCTGTCACTGCTCTGGGCTCTCCCATGCAT  
TCAA**ACTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001009178
Insert Size:	1059 bp



[View online »](#)

<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_001009178.2</a></u> , <u><a href="#">NP_001009178.1</a></u>
<b>RefSeq Size:</b>	1388 bp
<b>RefSeq ORF:</b>	1059 bp
<b>Locus ID:</b>	294562
<b>Cytogenetics:</b>	20p12