

Product datasheet for **MC211646**

Pou5f2 (NM_029315) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pou5f2 (NM_029315) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pou5f2
Synonyms: 1700013G10Rik; SPRM-1; Sprm1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211646 representing NM_029315
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCGGGGGAGGTCTTCAAACGTCTTCCCTCTCTCAGGCAATAGTGGTGGTGGCCTGGAAGTTGACA
CCCCAACATGGTTGAGCAGCCAGGCAGCCACAAGCAGATTAATGGTGCGACCAAGTATGGGTCCAGGCAT
CTGTCCAGGCCCTGAGGTATGGGGAGTGCCTCTGGCTCCTCACCTTATGAATCCGAGGTGGGATAGCA
CCCTACAGAGCTTGTGAGGCAAGGGCCTGGTCCCAGAGTTCCTCTGAGGATACCTGCCCAGGACCTTACA
TCGCCTTGAGATACATGCCAAATTTGGCACTGCCAGAGGACGTTTCAGCCATACAGAAAGAGATGGAGCA
GCTAGCCAAGGAACTGAGACAAAAGAGGATGACCCTGGGGTACTCACAGGCCGATGTGGGATTCGCTGTG
GGAGCTATGTTTGGGAAGGTTCTCAGCCAGACGACCATATGCCGCTTCGAGGCCAGCAGCTCAGCCTTG
CCAACATGTGGAAGCTGCGACCCCTGCTGAAAATGTGGTTAGAGGAAGTAGATGAGAAGAACCTTCTGGG
CATATGCAGAATGGAGATGATCCTGGAGCAGGCCCGGAAGCGGAGACGTGCAAGCAGAGAGAGACGCATT
GGGAGCAATCTGGAAAACCTGTTCTTGAATGTCCAGAGCCTACGCCCAGCAAATCAGCTATATTGCTG
GGCGCCTCCGGCTGCAGAAAGACCTGGTCCAAGTGTGGTTTTCTAACCGAGCCAGATGGGCAGTTGGCC
AACCAATGATACCTCCCGAGGGAGGATGTGGGGCAACTGGGTCTCCTTTCCAGGTCCACCAGTGTGC
TTTCCCATGGCACCAGGGCTCCATTTTGATTTCCCCCACTATGAGGGATCATGCCTTACACCCCTGTACT
CCTCTACCCCATTTCTGTACGAGGAGCCCTTTGTCTGCCCAACCACCACTCTGGGCCTCCCCAGGCT
GTCAAGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029315



[View online »](#)

Insert Size:	990 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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_029315.1 , NP_083591.1
RefSeq Size:	1395 bp
RefSeq ORF:	990 bp
Locus ID:	75507
UniProt ID:	Q9DAC9
Cytogenetics:	13 C1
Gene Summary:	Transcription factor that binds preferentially to the octamer motif (5'-ATGTTAAT-3'). May exert a regulatory function in meiotic events that are required for terminal differentiation of male germ cell (By similarity).[UniProtKB/Swiss-Prot Function]