

Product datasheet for **SC123294**

POU5F2 (NM_153216) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: POU5F2 (NM_153216) Human Untagged Clone
Tag: Tag Free
Symbol: POU5F2
Synonyms: SPRM-1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_153216 edited
 ATGGACGGACACAGGCCCTCAAACCACTTCTGCCCCCTCCAGGCAGTGGTGGGGCGGC
 CCCAGAGGGCCGATGCCCTGCGGGTTGACACTCTGACCTGGTTGAGCACCCAGGCGGCC
 CCTGGCAGGGTGATGGTCTGGCCGGCAGTCAGGCCAGGGATCTGCCAGGCCCTGACGTG
 TGGAGGATCCCCTGGTCCCCTGCCACACGAATTCGGGGCTGGATAGCACCCCTGCAGG
 CCCCTCTGGAGCTAGTGAGGCAGGGACTGGTTCGACGCCCTCCGAAGGCGCCCTC
 CCGGGGCCCTACATTGCCCTGCGGAGCATTCCGAAGTTGCCGCCAGAGGACATCTCG
 GGCATACTGAAAGAGTTGCAGCAATTGGCCAAGGAGTTGAGGCAGAAGAGTTGAGCCTA
 GGGTACTCGCAGGCCGATGTGGGATCGCTGTGGGAGCTCTGTTTGGGAAGGTGCTTAGC
 CAGACGACCATCTGCCGTTTCGAGGCCAGCAGCTAAGCGTCGCCAACATGTGGAAGCTG
 CGACCACTGCTGAAAAAGTGGCTGAAGGAAGTGAAGCAGAGAACCTTCTGGGCTTATGC
 AAAATGGAGATGATCCTGCAACAGTCTGGGAAGTGGAGACGGGCAAGCAGAGAGCGACGA
 ATCGGAAACAGCCTGGAGAAATTCCTCCAGCGGTGCCCTAAGCCACACCCAGCAAATC
 AGCCACATTGCTGGGTGCCTCCAGCTGCAGAAGGATGTGGTTCGAGTTTGGTTCTATAAC
 CGCAGCAAGATGGGCAGTCGACCAACCAATGATGCTTCCCACGGGAGATTGTGGGGACA
 GCCGGGCTCCTTGCCAGGAGCACCAGTGTGCTTTCACCTGGGACTGGGGCTCCAGTG
 GATATCCCCACTATACACGTCTACTCTGCAGGGTAGCCACTCCTCTGCCCCAGCC
 ACCACTCTGGGCTCCTCAGATTTTAGGGCTGAGGGCTTGCCCTCACGGCACGGTTGG
 AGAGGGGAGAAGAAGGAAAACCCAGGAAATGTCCTAGGGTTCATTTGAGGGCTTTTAG
 TATTAATTTCTCATTCACTGTCTAAAGAAGTTAAGGATACATAGTAGGGAATGGGGTGG
 GAATTGTTCAAGAAAACCTGGGAGAGAAGATGAAGTTTATTGCAGTTTTGTGTTTTCCC
 TTTGTTTTCCCTAGCATTGGTTTAAAGGTACATTACAGTATATAGATGGTTTCGAAAAA
 AAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_153216 unedited NTTTGAGCTCACAAATTTGTAAACGACTCACTATAGGCGGCCGATAAATTTCGTATAGCAT ACATTATACGAAGTTATGGATCAAGCAAATCGGCCGAGCTCGAATTCGTTCGAGAGCGGA TGGACGGACACAGGCCCTCAAACCACTTCTGCCCCCTTCAGGCAGTGGTGGGGCGGCC CCAGAGGGCCGATGCCCTGCGGGTTGACACTCTGACCTGGTTGAGCACCCAGGCCGCC CTGGCAGGGTGATGGTCTGGCCGGCAGTCAGGCCAGGGATCTGCCAGGCCCTGACGTGT GGAGATTCCCCTGGGTCCCCTGCCACACGAATTCGGGGCTGGATAGCACCCCTGCAGGC CCCGTCTTGAGCTAGTGAGGCAGGGGACTGGTTGCGACGCCCTCCGAAGGCGCCCTCC CGGGGCCCTACATTGCCCTGCGGAGCATTCCGAAGTTGCCGCGCCAGAGGACATCTCGG GCATACTGAAAGAGTTGCAGCAATTGGCCAAGGAGTTGAGGCAGAAGAGTTGAGCCTAG GGTACTCGCAAGCCGATGTGGGATCGCTGTGGGAGCTCTGTTTGGGAAGTGCTTATCC AGACGACCATCTGCCGTTTCGAGGCCAGCAGCTAAGCGTCGCCAACATGTGGAAGCTGC GACCACTGCTGANAAAGTGGCTGAAGGAAGTGAAGCAGAGAACCTTCTGGGCTTATGCA AAATGGAGATGATCCTGCAACAGTCTGGGGAGTGGAGACGGGCAAGCAGAGAGCGACGAA TCGGAAACAGCCTGGAGTAATTCTTCCAGNCGTCCCCTAACCCACACCCAGCAATCA GCCACATTGGCTGGGGTGCCTCCAGCTGCAAAAGGAGTTGGTTTCGAGTTTGGTTCTATA ACGCCAGCAGAA
Restriction Sites:	Please inquire
ACCN:	NM_153216
Insert Size:	1271 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_153216.1 , NP_694948.1
RefSeq Size:	1295 bp
RefSeq ORF:	987 bp
Locus ID:	134187
UniProt ID:	Q8N7G0
Cytogenetics:	5q15
Protein Families:	Transcription Factors

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]