

Product datasheet for **RN202084**

Pou5f2 (NM_001081751) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pou5f2 (NM_001081751) Rat Untagged Clone
Tag: Tag Free
Symbol: Pou5f2
Synonyms: Sprm-1; Sprm1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202084 representing NM_001081751
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGGGGCGCAGGTCTTCAAACGTCTGCCCTTCCCAGGCAATAGTGGTGGTGGTCTGGAAGGGCCAG
 TTCCCATGCGAGTTGATACCCCAACCTGGTTGAGCAGCCAGGCAGCCACAAGCAGGTTAATGGTACGGCC
 AGGTATGGGGCCAGGCTTCTGTCCAGGCCCTGAGGTATGGGGAGTGCCTCTGGTCCCTCACCTTATGAA
 TTCCGAGGTGGGATAGCACCCCTACGGAGCTTATGAGACAAGGACCTGGTCCCAGAATTCCTCTGAGGATA
 CCTACCCAGGACCTACATCGCCTTAAGGTACATGCCAAATTTGGCACTGCCAGAGGATGTTTCAGCCAT
 ACAGAAAGAGATGGAGCAGCTGGCCAAGGAGCTGAGACAGAAGAGGATGACCCCTGGGATACTCACAGGCC
 GATGTGGGATTCGCTGTGGGAGCTATGTTTGGGAAGTTCTCAGCCAGACGACCATATGCCGCTTCGAGG
 CCCAGCAGCTCAGCCTTGCCAACATGTGGAAGCTGCGACCCCTGCTGAAAATGTGGTTAGAGGAAGTAGA
 TGAGAAGAACCTTCTGGGCATATCGAGAATGGAGATGATCCTGCAGCAGGCCCGGAAGCGGAGACGAGCA
 AGCAGAGAGAGACGCATTGGGAGCAATCTGAAAAACTGTTCTTGCAAGTGTCCAGAGCCTACGCCCCAGC
 AAATCAGCTATATTGCTGGGCGCCTCCGTCTGCAGAAGGACTTGGTCCAAGTGTGGTTTTCTAACCCGAG
 CCAGATGGCTGGTTGGCCAACCAATGATTCTCCAGAGGGAGAATGTGGGGGCAACTGGGGCCCTTTTC
 CCAGGGCCACCAGTGTGCTTTCCCTGGCACCAGGGCTCCATTTTGATTTCCCCACTATGGGGGTTCAT
 GTCTTACACCCCTGACTCCTCTACACCATTTCTGTACGAGGAGCCCTTTGTCTGCCCAACCACCAC
 CCTGGGCCTTCCCAGGCTGTCAAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001081751



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Insert Size:	1008 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:	<u>NM_001081751.1</u> , <u>NP_001075220.1</u>
RefSeq Size:	1234 bp
RefSeq ORF:	1008 bp
Locus ID:	680620
Cytogenetics:	2q11