

Product datasheet for **SC122633**

PRM1 (NM_002761) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PRM1 (NM_002761) Human Untagged Clone
Tag: Tag Free
Symbol: PRM1
Synonyms: CT94.1; P1
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_002761 edited
 AGCCACAGAGTTCACCTGCTCACAGGTTGGCTGGCTCAGCCAAGGTGGTGGCCCTGCTC
 TGAGCATTTCAGGCCAAGCCCATCTGCACCATGGCCAGGTACAGATGCTGTGCGCAGCCAG
 AGCCCGGAGCAGATATTACCGCCAGAGACAAAGAAGTCGCAGACGAAGGAGCGGAGCTGC
 CAGACACGGAGGAGGCCATGAGGTGCTGCCGCCAGGTACAGACCGAGATGTAGAAGA
 CACTAATTGCACAAAATAGCACATCCACAAACTCCTGCCTGAGAATGTTACCAGACTTC
 AAGATCCTCTTGCCACATCTTGAAAATGCCACCATCCAATAAAAAATCAGGAGCCTGTTAA
 GGAACAATGCCGCTGTCAATAAATGTTGAAAAGCCAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_002761 unedited
 TACGACTACTATAGGGCGCCGCGAATTCGGCCATTACGGCCGGGAGCCACAGAGTTC
 CACCTGCTCACAGGTTGGCTGGCTCAGCCAAGGTGGTGCCTGCTCTGAGCATTTCAGGCC
 AAGCCCATCTGCACCATGGCCAGGTACAGATGCTGTGCGCAGCCAGAGCCGGAGCAGATA
 TTACCGCCAGAGACAAAGAAGTCGCAGACGAAGGAGCGGAGCTGCCAGACCGGAGGAG
 AGCCATGAGGTGCTGCCGCCAGGTACAGACCGAGATGTAGAAGACACTAATTGCACAA
 AATAGCACATCCACAAACTCCTGCCTGAGAATGTTACCAGACTCAAGATCCTCTTGCC
 ACATCTTGAAAATGCCACCATCCAATAAAAAATCAGGAGCCTGTTAAGGAACAATGCCGCC
 TGTCAATAAATGTTGAAAAGCCNANNNAANNNAAAAAAAAAAAAAAAAAAAAACCTTGTCG
 GCCGCTCGGCCCTCGACTCTAGATTGCGGCCGCGGTATAGCTGTTTCTGAACAGATC
 CCGGGTGGCATCCCTGTGACCCCTCCCCAGTGCCTCTCCTGGCCCTGGAAGTTGCCACTC
 CAGTGCCACAGCCTTGCTTAATAAAATTAAGTTGCATCATTTTGTCTGACTAGGTGT
 CCTTCTATAATATTATGGGGTGGAGGGGGTGGTATGGAGCAAGGGNGCAGTTGGGAAGA
 CACCTGTGGGCTGCGGGTCTATGGGAACCAACTGGATGCATGGCCAATCTGGCTN

Restriction Sites: Please inquire
ACCN: NM_002761



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Insert Size:	427 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_002761.1 , NP_002752.1
RefSeq Size:	406 bp
RefSeq ORF:	156 bp
Locus ID:	5619
UniProt ID:	P04553
Cytogenetics:	16p13.13
Gene Summary:	Protamines substitute for histones in the chromatin of sperm during the haploid phase of spermatogenesis. They compact sperm DNA into a highly condensed, stable and inactive complex.[UniProtKB/Swiss-Prot Function]