

Product datasheet for **MC209233**

Prm3 (NM_013638) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prm3 (NM_013638) Mouse Untagged Clone
Tag: Tag Free
Symbol: Prm3
Synonyms: BC061127; PX; Pxx
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209233 representing NM_013638
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGTTCCCGCTGTGCCAAGCTCAGCACTGGCCATGGCCAGCCAGAACACTGGTCACAGCCGTGGCC
ACGAGTCTCCATGAAGAAGCTCGTGGCCTGTGTGAGTCAAGACAACCTTTCCCTGTCATCAGAGGGCGA
GGAAGAGGAGGAGGACGAGGAAGAGGAGGAGGAGGAAGAAGAAGAGGAAGAGGAGCAAAATCCCGGTG
AAGGGCAAGCTGCTGCTGCTGGAGCCCGAAAAGCAAGAGAGCGCCGAGGATGGGGAGGCCCAAGCC
CCGAGCCCAAGCAGACACTCT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_013638

Insert Size: 306 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).



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Reconstitution Method:

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_013638.2](#), [NP_038666.2](#)

RefSeq Size: 407 bp

RefSeq ORF: 306 bp

Locus ID: 19120

UniProt ID: [Q62100](#)

Cytogenetics: 16 5.84 cM

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]