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Product datasheet for RN202368

Prm3 (NM_001002855) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prm3 (NM_001002855) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prm3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202368 representing NM_001002855 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGGTTCCCGCTGTGCCAAGCTCAGCACCGGCCACGGCCCGGCCCAGAACACGGGTCACAGCCGTGGCC ACGAGTCCTCCATGAAGAAACTCGTGGCCTGTGTGAGTCAAGACAACTTCTCCCTGTCATCAGAGGGTGA GGAAGAGGAGGAGGATGAGGAAGATGAGGAGGAGGAAGATGATGATGAGGAAGACGAGGAGGAGGAGCAG ATCCCGGTGAAAGGCAAGCTGCTGCTGCTGGAGCCCGAAAAGCAAGATGGTGCTGAGGATGCTGTGGCCC AGCCAAGCCCGGAGCCCAAGCAGAAGCACTCCTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001002855
Insert Size:	315 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_001002855.2, NP_001002855.1
RefSeq Size:	515 bp
RefSeq ORF:	315 bp
Locus ID:	442921
UniProt ID:	Q64256
Cytogenetics:	10q11
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]