

Product datasheet for **RN208651**

Rmt1 (NM_145088) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rmt1 (NM_145088) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rmt1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208651 representing NM_145088 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTTGGGGATTACGTCAGCCTGGCGGGCAGGGGCCGCGGGACAGCGGGAGGCGAGCTCCCGCAGG
 CCTCCCGCCGAGGGCCTCTGGACAATGCTGCCATTGTCGGTCACGGAGTGCTTAGCTCCCCATGAATG
 GTACACGGGCCTTTGACCAAGGAGGCCGCTATAGCCCCAACTGTCCCTCACAGGCGGGAGGCCAG
 TGCACTGGGAAGGGCTGGCTGCGGGCTGCACGGATCTGTCCCTCAGAAGGGGCCACCGGCAGGCAGCAG
 GGCTGAGATCAGGCCTCAGCGAGGCTGCTGCTGTACCCTGTGTGGTAGACTCCCTCCTCAGCATGGC
 CTCTGGCTGGGGACACTCCCGGCCCTGACCACTCATGGTGCTCCTGGTTGTCATCCTCCTGGTACGC
 TTCATTCTGTGGTCTGCTGGGACCTATATGGACTACAGGCTGGCCCGGCCTCAGCCTGGCAAACCCA
 AAGAAGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_145088
Insert Size:	501 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).


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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:	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_145088.1, NP_659556.1</u>
RefSeq Size:	4438 bp
RefSeq ORF:	501 bp
Locus ID:	246306
Cytogenetics:	1q42
Gene Summary:	displays increased expression in developing mammary gland compared to mature and parous mammary gland; may be associated with increased risk of breast cancer [RGD, Feb 2006]