

## Product datasheet for **RN203989**

### Rnase10 (NM\_001012467) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rnase10 (NM\_001012467) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rnase10  
**Synonyms:** Rah1; RGD1310415  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN203989 representing NM\_001012467  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAAGGTGACTGGTGCATCTGTTGTTTCATGATGTTACTGCTGTTGCTAGGACTGGGGTGGGGCTGG  
GGCTGGGCCTTCACATGGCTGCTGCCATCCTGGAGAATCAGCCACTGGATGAGTTTTGGCCAGTGACTC  
CCAGGACACAGCTGAGGCCACTGAAGAGGGACAGGGCACCAGGACCACAGAAGCCCTGGTACTTGACAAC  
AAAGAAATGGCAGTACCTGTCTGGTCAGAAGATACTGTCCTCAGTGAAGATGAAGTGGGGGAAGCAGGA  
TGCTGAGAGCCAAGACCCTCCTTCAGAGCAAGCAAGGCTACCTTAAGTTTGACTTGAACATCCGGGACTG  
TAACGTGATGATGGCCACAAGATAAAGGAGCACAATCAGAGCTGCATAAACGATTATACATTATCCAT  
GAGGATCCAAGCACAGTCGGAGCCGTCTGTAACAGTCCCCTGGTTGACTGTGATCTCAAGGGAGGCAAA  
GTCACAAAAGCCCCGGCCTTTTGACCTGACATTGTGCAAGTTGGCCAAACCAGGCCAAGTCACTCCCAA  
CTGCCACTATCTGACTTACATAACTGAAAAGGTCATTATCATAACATGCAACAACACGAAACAACCTGGAG  
ATTAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001012467  
**Insert Size:** 639 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001012467.1</a></u> , <u><a href="#">NP_001012485.1</a></u>
<b>RefSeq Size:</b>	639 bp
<b>RefSeq ORF:</b>	639 bp
<b>Locus ID:</b>	305840
<b>UniProt ID:</b>	<u><a href="#">Q5GAM0</a></u>
<b>Cytogenetics:</b>	15p14
<b>Gene Summary:</b>	Secreted proximal epididymal protein required for post-testicular sperm maturation and male fertility. May be involved in sperm adhesion to the egg zona pellucida. Does not have ribonuclease activity (By similarity).[UniProtKB/Swiss-Prot Function]