

Product datasheet for MC211579

Rnase10 (NM_029145) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rnase10 (NM_029145) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rnase10
Synonyms: 4930474F22Rik; Rah1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211579 representing NM_029145
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGAGCAGTTTCTGGGTACAGCTCACAGAGAAGGACGCTCTAGGAGAGCAGAACTGGGGACATAGGA
AGAGCCAAGACTATCTAAAGCTGCTTACAAGTGTAGGCAAATGAAGGTGACACTGGTGCATCTGTTGTT
CATGATGTTGCTGCTGTTGCTAGGCCTAGGGCTGGGGCTGGGCCTGGCCTTACATGGCAGCTGCCGTC
CTGGAGGATCAGCCACTGAATGAATTTGGCCAGTGACTCCCAGAATACTGAAGAGGGAGAGGGCATCT
GGACCACAGAAGGTCTGGCACTTGGCTACAAAGAAATGGCACAACCTGTCTGGCCAGAAGAGGCTGTCTCT
CAGTGAAGATGAAGTGGGGGAAGCAGGATGCTGAGGGCTGAGCCCCGCTTTCAGAGCAAACAAGACTAC
CTTAAGTTTGACTTGAGTGTGAGGGACTGTAATACCATGATGGCACACAAGATAAAGGAGCCTAATCAGA
GCTGCATAAACAGTACACGTTCCATCCATGAGGACCCAAACACAGTCAAAGCTGTCTGTAACGGTTCCT
GGTTGACTGTGACCTCAAGGGGGCAAATGTTACAAAAGTCCCCGGCCTTTTGATCTGACATTGTGCAAA
TTGGCCAAACCAGGCCAAGTCACTCCCACTGTCACTATCTGACTTACATAACCGAAAAGGTCATTTTCA
TGACATGCAATGACAAGAAACAACCTGGAGACTAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029145
Insert Size: 738 bp



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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_029145.3 , NP_083421.2
RefSeq Size:	1630 bp
RefSeq ORF:	738 bp
Locus ID:	75019
Cytogenetics:	14 C1
Gene Summary:	<p>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.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>