

Product datasheet for MR201033

Rnase1 (NM_011271) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rnase1 (NM_011271) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rnase1
Synonyms: AI574248; Rib-1; Rib1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201033 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTCTGGAGAAGTCCCTCATTCTGTTTCCATTGTTTTCTGCTGCTTGGATGGGTCCAGCCTTCCC
 CGGGCAGGGAATCTGCAGCACAGAAGTTTCAGCGGCAGCACATGGATCCAGATGGTTCTCCATCAACAG
 CCCCACCTACTGCAACCAAATGATGAAACGCCGGGATATGACAAATGGGTCATGCAAGCCGTGAACACC
 TTCGTGCATGAGCCCTTGGCAGATGTCCAGGCCGTCTGCTCCCAGGAAAATGTCACCTGCAAGAACAGGA
 AGAGCAACTGCTACAAGAGCAGCTCTGCCCTGCACATCACTGACTGCCACCTGAAGGGCAACTCCAAGTA
 TCCCAACTGTGACTACAAGACCACTCAATACCAGAAGCACATCATTGTGGCCTGTGAAGGGAACCCCTAC
 GTACCAGTCCACTTTGATGCTACTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201033 protein sequence
 Red=Cloning site Green=Tags(s)

MGLEKSLILFPLFFLLLGWVQSPGRESAAQKFQRQHMDPDGSSINSPTYCNQMMKRRDMTNGSCKPVNT
 FVHEPLADVQAVCSQENVTKNRKSNCKYSSSALHITDCHLKGNSKYPNCNDYKTTQYQKHIIVACEGNPY
 VPVHFDATV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_011271

ORF Size: 450 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_011271.1](#), [NM_011271.2](#), [NP_035401.2](#)

RefSeq Size: 977 bp

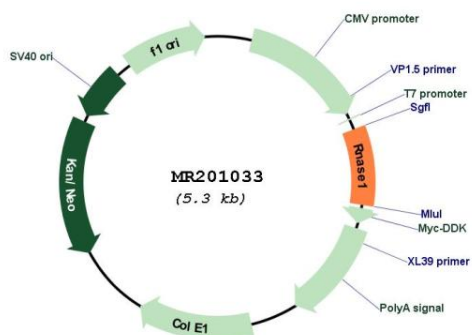
RefSeq ORF: 450 bp

Locus ID: 19752

Cytogenetics: 14 26.4 cM

MW: 16.8 kDa

Product images:



Circular map for MR201033