

Product datasheet for RN211470

Ring1 (NM_212549) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ring1 (NM_212549) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ring1
Synonyms:	Ring1A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211470 representing NM_212549 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGACGCCGCGAATGCACAGAATGCCAGCAAACGTGGAACTGAGTCTCTATGAGCTGCACCGGA
CCCCGAGGAAGCCATCATGGACGGGACGGAGATTGCTGTTTCGCCCCGGTCACTGCATTCGGAGCTCAT
GTGCCCATCTGCCTGGACATGCTGAAAAACAATGACCACCAAGGAATGCTTGCACAGGTTCTGCTCG
GACTGCATCGTCACTGCCCTGCGGAGCGGGAACAAGAGTGCCCCACCTGCCGAAAAAGCTGGTATCCA
AGCGGTCCCTACGGCCGACCCCAACTTCGACGCCCTGATCTCCAAAATCTATCCTAGCCGGGAGGAGTA
CGAGGCCCATCAAGACCGGGTGCTCATCCGCCTCAGCCGCTGCACAACCAGCAGGCGCTGAGTCCAGT
ATCGAGGAGGGGCTTCGGATGCAGGCCATGCACAGGGCCAGCGTGTGAGGCGGCCGATGCCAGGATCTG
ATCAGACCACCACAATGAGTGGGGGGAAGGAGAGCCTGGGGAGGGGAGAAGGGATGGGGAGGACATAAG
CTCCGACTCCGCCCCAGACTCTGCTCCGGGCCCGCTCCCAAGCGACCCCGTGGAGGGGGTGCAGGGGGC
AGCAGTGTAGGGACAGGGGGTGGTGTGCTGCTGGTGGGGCTTGGGGGGTGTGGTTCTGAAGACTCTGGT
ATCGGGGCGGCACCCTGGGAGGGGGAACCCTAGGCCCCCAAGCCCTCCTGGGGTCCCAGTCCCTCCAGA
GCCAGGTGGAGAGATCGAGCTTGTGTTCCGGCCCCATCCCCTGCTTGTGGAGAAAGGAGAATACTGCCAG
ACTAGGTATGTGAAGACTACTGGGAATGCCACAGTGGATCACCTCTCAAGTACTTGGCCCTGCGCATTG
CCCTGGAGAGGAGCAGCAGCAGGAAACCGTAGAGCCCGGAGGGCTGGCGGGGGTGCCTCGGACACAGG
CGGACCTGACGGGGTGGTGGGGAGAGAGGGGTTTCTGGAGGAGGCGAAGGTCTGAGGAGCCTGCCTG
CCCAGCCTGGAAGGTGTGAGCGAAAAACAGTACACCATCTACATAGCTCCTGGGGCGGAGCATTACCGA
CGCTGAATGGCTCCCTGACCTTGGAGCTTGTGAACGAGAAGTTCTGGAAGGTCTCCAGGCCGTTAGAGCT
ATGCTATGCCCGACGAAGGACCCAAA**TGA**

ACGCGTACGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_212549
Insert Size:	1221 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).
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:	<u>NM_212549.2</u> , <u>NP_997714.2</u>
RefSeq Size:	1741 bp
RefSeq ORF:	1221 bp
Locus ID:	309626
UniProt ID:	<u>Q6MGB6</u>
Cytogenetics:	20p12
Gene Summary:	maps within the major histocompatibility complex RT1 region [RGD, Feb 2006]