

Product datasheet for **RN208842**

Rer1 (NM_001039012) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rer1 (NM_001039012) Rat Untagged Clone
Tag: Tag Free
Symbol: Rer1
Synonyms: RGD1306324
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208842 representing NM_001039012
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTGAAGGGGACAGTGTGGAGACTCTGTCCATGGGAAGCCCTCAGTGGTGTACAGATTTTTCTCAC
GGCTTGGACAGATTTATCAGTCCTGGCTGGACAAATCTACCCCTACACAGCTGCCGGTGGTCTGTGAC
ACTGGGCCTGAGTTTTGTCTACATGATTAGAGTTACCTGTTACAAGTTGGTACATTGTGACCTACGCC
TTGGGAATTTACCACCTAAACCTTTTCATAGCGTTCCTTTCTCCCAAAGTGGACCCTTCCTTGATGGAA
ACTCAGATGATGGCCCTTCATTACCAACCAAAACAAAATGAGGAGTTTCGCCCTTCATTGCAAGGCTTCC
AGAATTCAAATTTGGCATGCGGCTACAAAAGGCATTCTTGTGGCTATGATCTGTACCTCTTTGAGGCT
TTCAACGTCCCGTGTCTGGCCGATCCTGGTGTACTTTCATCATGCTTTTCTGTATCACAATGAAGA
GGCAAATAAAGCACATGATTAATACCGGTACATACCATTACACACGGGAAGAGGAGATACAAAGGAA
GGAGGACGTGGCAAGACATTTGCTAGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001039012
Insert Size: 591 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:	<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_001039012.1, NP_001034101.1</u>
RefSeq Size:	1361 bp
RefSeq ORF:	591 bp
Locus ID:	298675
UniProt ID:	<u>Q498C8</u>
Cytogenetics:	5q36
Gene Summary:	Involved in the retrieval of endoplasmic reticulum membrane proteins from the early Golgi compartment.[UniProtKB/Swiss-Prot Function]