

Product datasheet for **RN217201**

Zer1 (NM_001100707) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zer1 (NM_001100707) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zer1
Synonyms:	RGD1310284; Zyg11bl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217201 representing NM_001100707
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTCTGACACACCCGAGTCCCTCATGGCCCTCTGTACTGACTTCTGTCTCCGGAATCTCGATGGCA
 CCTGGGCTACCTGCTGGACAAGGAGACCCTGCGGCTGCATCCAGACATCTTCTTGCCTAGTGAAATCTG
 TGACCAGCTGGTCAATGAGTATGTGGAGCTGGTCACTGCGGCCTGCACCTTTCGAACCACATGAGACCTTC
 TTCAGCCTCTTCTCAGACCCCGCAGCACGCGGCTCACTCGCATCCACCTCCGTGAGGACCTGGTCAAG
 ACCAGGACCTGGAAGCGATTGAAAGCAGGACCTGGTGGAGCTGTACCTGACCAACTGCGAGAAGCTGTC
 CGCAAGAGCCTGCAGACGCTGCGGAGCTTCAAGCACAGTCTGGTGTCTTGAGCCTCTTCGGATGTGCC
 AACATCTTCTACGAGGAGACAACCCGGGCGGCTGTGAGGATGAGTGCCTGGTCAACCCACCTGCCAGG
 TGCTGGTCAAGGACTTACCTTTGAGGGCTTCAAGCCCTGCGCTTCTCAACCTGGGCCGATGATCGA
 CGGCATCCCGTGGAGTCACTGCTTCGGCCACTCAACTCCCTGACTGCCTTGGACCTCTCAGGCATCCAG
 ACAAGCGACGCCACTTTCCTAACACAGTGAAGGACAGTCTGATGTCCCTTGTGCTCTACAACATGGACC
 TTTGAGACGACCACATCCGTGTCATTGTCCAGCTGCACAAGCTGCGGAGTAAAGTCCCTGACCTGTGGCCA
 CCACCTGACCTCCAGCCACTGGACATCTCCCGAGACCGCTCTCCAGCTACTACAAGTTCAAGCTGACT
 CGGAAGGTGCTCAGCCTCCTGGTGCAGAAGCTGGGGAATCTGATGCTACTAGACATCTCTGGTCACATGA
 TCCTGGAGAACTGCAGCATCTCCAAGACAGATGAGGAGGAGGGCAGACCAGCACCGAGCCATCCAAGAG
 CAGCATCATGCCTTTTCGGGCTTGAAGAGGCCACTGCAGTTCCTTGGGCTTTTGAACCTCCTTGTGT
 CGTCTCACACACATTCAGCCTACAAGTAAGTGGTGACAAAAATGAAGAGCAGGTGCTGAACGCCATCG
 AGGCTACACAGAGCACCGCCTGAGTCACTTCCAGGGCCATCAACTGCTGTTTGACATTGCACGCAT
 TGAACGCTGCAACCAGCTTCTGCGCGCCCTGAAGCTGGTCAACAGCCCTCAAGTGTACAAGTATGAC
 AAGAACATTCAAGTACTGGCAGTGCCGCTCTTCTACCTGACCAACTCTGAGTACCGCTCAGAGCAGA
 GCGTCAAGCTGCGCCGCGCAGGTCACTCCAGTGGTGTGAATGGCATGGAGTCTACCAGGAGGTGACGGT
 GCAGCGGAACTGCTGTCTGACCTCTGCAACTTCAGCATCCCGAGGAGCTGGAGTTCAGTACCGCCGC
 GTGAACGAGTCTGCTTGGCATCTCAGCCCCACCGCCAGGACGAGTCCAGCGTATCGCTGTGC
 ACTTGTCAATGCCCTCGTCTGCCAGGTGGACAATGATACAAGGAGGCTGTGGCAAGATGGGCTTCGT
 CGTGACCATGTTGAAGCTGATCCAGAAGAAGCTGCTGGACAAGACGTGTGACCAGGTGATGGAGTCTCC
 TGGAGCGTCTGTGGAACATCACGGATGAGACTCCAGACAACCTGTGAGATGTTCCCTTAACCTCAACGGCA
 TGAAGCTCTTTCGACTGCCTGAAGGAGTTCAGAGAGAAGCAGGAGCTACACCGGAACATGCTCGGGCT
 CTTGGGGAATGTGGCAGAGGTGAAGGGGCTGCGGCCCTCAGCTGATGACCTCTCAGTTCATCAGCGTCTTC
 AGCAACCTGCTGGAAAGCAAGGCCGATGGCATTGAGGTTTCTTACAATGCCTGTGGTGTCTATCCACACA
 TCATGTTTGTGAGGCTGAAGCCTGGGGTGTCTGTGAACCCAGCGGGCAGAGGTGGAGGAGCGTATGTG
 GGCGGCCATCCAGAGCTGGGATATCAACTCCCGAAGGAATATCAACTACAGGTCTTTGAGCCGATCCTC
 CGCCTCCTTCCCAGGGCATCTCTCCAGTCAAGCAGACTGGGCCACTGGGCCCTGTACAACCTCGTGT
 CTGTCTACCCTGACAAGTACTGCCCCCTGCTGATTAAGGAAGGCGGGATGCCCTGCTGAGGGACTTGT
 CAAGATGGTACTGCCCCGAGGAAACCAAGGAGATGGCCGCAAGGTGATTGAGCACTGCAGTAACTTT
 AGAGAGGAGAACATGGACACGTCCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001100707
Insert Size: 2340 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001100707.1, NP_001094177.1</u>
RefSeq Size:	4193 bp
RefSeq ORF:	2340 bp
Locus ID:	311842
Cytogenetics:	3p12