

Product datasheet for **MC221592**

Zer1 (NM_178694) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zer1 (NM_178694) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zer1
Synonyms:	C230075L19Rik; Zyg11bl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221592 representing NM_178694
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTCTGACACGCCCGAGTCCCTGATGGCCCTCTGTACTGACTTCTGTCTCCGGAATCTTGATGGCA
 CCCTGGGCTACCTCCTGGACAAAGAGACCCTGCGGCTGCATCCAGACATCTTCTTGCCAGTGAAATCTG
 TGACCAGCTGGTCAATGAGTATGTGGAGCTGGTCACTGCTGCCTGCACCTTTGAGCCACACGAGACTTTC
 TTCAGCCTCTTCTCAGACCCCGCAGTACTCGGCTCACTCGCATCCACCTTCGTGAGGACCTGGTGCAGG
 ACCAGGACCTGGAAGCCATTGCAAAACAGGACCTGGTGGAGCTCTACCTGACCAACTGCGAGAAGCTGTC
 CGCAAGAGCCTGCAGACACTGCGGAGCTTCCGACACAGTCTGGTGTCTTGAGTCTCTCCGGCTGTGCC
 AACATCTTCTATGAGGAGACAACCCAGGCGGCTGTGAGGATGAGTGCCTGGTCAACCCACCTGCCAGG
 TGCTGGTCAAGGACTTACCTTCGAGGGCTTCAGCCGCCTGCGCTTCTCAACCTGGGCCGATGATTGA
 CGGTATCCCGTAGAGTCACTGCTTCGGCCACTCAACTCCCTGGCCGCTTGGACCTCTCAGGCATCCAG
 ACAAGTATGCCACTTTCCTAACACAGTGAAGGACAGTCTGATGTCCCTTGTGCTCTACAACATGGACC
 TTTGAGATGACCACATCCGTGTATTGTCCAGCTGCACAAGCTGCGGAGTAAGATCCTGACCTGTGGTCC
 CCACCTGATCTCCAGCCACCTGGACATCTCCGAGACCGCCTCTCCAGCTACTACAAGTTCAAGCTGACT
 CGGAAGGTGCTCAGCCTCCTAGTGCAGAAGCTGGGAACTAATGTCACTGGACATCTCTGGTCACATGA
 TCCTAGAGAACTGCAGCATCTCCAAGACAGATGAGGAGGCAGGGCAGACCAGCACCGAGCCATCCAAGAG
 CAGCATCATGCCCTTCCGGGCTCTGAAGAGGCCACTGCAGTTCCTTGGGCTCTTTGAGACCTCATTGTGT
 CGTCTTACGCACATCCAGCCTACAAGTGAGTGGTGACAAAAATGAAGAGCAGGTGCTGAACGCCATCG
 AGGCCTACACAGAGCACCGGCCGAGATCACATCCAGGGCCATCAACTGCTGTTTGACATTGCACGCAT
 TGAACGCTGCAACCAGCTTCTGCGGGCCCTGAAGCTGGTCATCACAGCCCTCAAGTGTCAACAAGTATGAC
 AAAAAATTCAAGTGACCGGCAGTGTGCCCTTCTACCTGACCAACTCCGAGTACCGCTCGGAGCAGA
 GCGTCAAGTTGCGGCGGCAGGTATCCAGGTGGTGTGAATGGCATGGAGTCTACCAGGAGGTGACGGT
 GCAGCGGAACTGCTGTCTGACCTCTGCAACTCAGCATCCCCGAGGAACTGGAGTTCAGTACCGCCGG
 GTGAACGAGCTGCTGCTGGGCATCCTCAGCCCCACGCGTCAGGACGAGTCAATCCAGCGGATCGTGTGC
 ACTTGTGCAATGCCCTGGTCTGCCAGGTGGACAATGACCATAAGGAGGCTGTAGGCAAGATGGGCTTCGT
 CGTGACCATGTTGAAGCTGATCCAGAAGAACTGCTGGACAAGACGTGTGACCAGGTGATGGAGTTCCTC
 TGGAGTCTCTGTGGAACATCACAGATGAGACACTGACAACCTGCGAGATGTTCTCAACTTCAATGGCA
 TGAAGCTTTTCTCGACTGCCTGAAGGAGTCCAGAGAAGCAGGAGCTACACCGTAAACATGCTAGGGCT
 CTTGGGGAATGTGGCAGAGGTAAGGAGCTGCGACCTCAGTTGATGACCTCCCAGTTCATCAGCGTCTTC
 AGCAACCTGCTGGAGAGCAAGGCCGACGGCATTGAGGTTTCTTACAACGCTGTGGTGTCTCTCTCACA
 TCATGTTTGTGGGCTGAGGCTGGGGTGTCTGTGAACCTCAGAGGGCAGAGGTGGAGGATCGTATGTG
 GGCGGCCATCCAGAGCTGGGATATCAACTCCGAAGGAATATCAACTACAGGTCCTTTGAGCCAATCCTC
 CGCCTCCTTCCCAGGGTATTTCTCCAGTACCCAGCAGTGGGCCACCTGGGCCCTGTACAACCTCGTGT
 CTGTCTACCCTGACAAGTACTGCCCCCTGTGATTAAGAAGGTGGGATGCCCTGCTGAGAGACTTGAT
 CAAGATGGCAACTGCCCGCAGGAAACCAAGGAGATGGCCCGCAAGGTGATTGAGCACTGCAGTAACCTT
 AGAGAGGAGAACATGGACACGTCCAGATAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_178694
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).
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_178694.4 , NP_848809.2
RefSeq Size:	4280 bp
RefSeq ORF:	2340 bp
Locus ID:	227693
UniProt ID:	Q80Z16
Cytogenetics:	2 B
Gene Summary:	Probably acts as target recruitment subunit in the E3 ubiquitin ligase complex ZER1-CUL2-Elongin BC.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).