

Product datasheet for **MC214357**

Zar1 (NM_174877) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zar1 (NM_174877) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zar1
Synonyms: MGC123986; MGC123987
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214357 representing NM_174877
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTCCCGGCGAGCACGTTCCACCCCTGCCCGCATCCTATCCGCAGGCCACCAAGCCGGGGATGGCT
GGAGGTTCCGAGCCAGGGGCTGCCGACCCGCGCCCCCTCTCTCCCGGCTACAGACAGCTCATGGC
CGCGGAGTACGTCGACAGCCACCAGCGGGCACAGCTCATGGCCCTGCTGTCGCGGATGGTCCCGGTGCG
GTCAGCAGCCGTGACGCTGCGGTGCAGGTGAACCCGCGCCGCGACGCCTCGGTGCAGTGTCACTCGGGC
GCCGCACGCTGCAGCCTGCAGGGTGCCGAGCCAGCCCCGACGCCCGATCGGGTTCCTGTCAACCCCGTGG
CCACGCCGGCGCCGGGAGATCCCGCGATCCTGGCAGACCGTAGCCCCGTTCTCGTCCGTGACCTTCTGT
GGCCTCTCCTCTCACTGGAGGTTGCGGGAGGCAGGCAGACCCACGAAGGGAGAGGGGAGCCCGGCAT
CCTCGGGGACCCGGGAACCGGAGCCGAGAGAGGTGGCCGCGAGGAAAGCGGTCCCCAGCCGGAAGCGA
GGAGGGCGATGTTCAAGCTGCAGGGCAGGCCGGTGGGAGCAGCAGCCACCACCGGAGGACCGGAACAGT
GTGGCGGCGATGCAGTCTGAGCCTGGGAGCGAGGACCATGTCCTGCCGAGAGATGGCTCAGGACCCCG
GTGATTCGGATGCCCTCGAGACCAGGCTCCCCGAAAGCAGGAGCAGGACAAGGAGCGCCTGCGTTT
CCAGTTCCTAGAGCAGAAGTACGGCTACTACTGCAAGGACTGCAAAATCCGGTGGGAGAGCGCCTAT
GTGTGGTGTGTGCAGGGCACCAGTAAGGTGTACTTCAAACAGTTCTGCCGAGTGTGTGAGAAATCCTACA
ACCCTTACAGAGTGGAGGACATCACCTGTCAAAGTTGTAAGAACTAGATGTGCCTGCCAGTCAGACT
TCGCCACGTGGACCCTAAACGCCCCATCGGCAAGACTTGTGTGGGAGATGCAAGGACAAACGCCTGTCC
TGCGACAGCACCTTCAGCTTCAAATACATCATT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_174877



Insert Size:	1086 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_174877.3 , NP_777366.1
RefSeq Size:	1284 bp
RefSeq ORF:	1086 bp
Locus ID:	317755
UniProt ID:	Q80SU3
Cytogenetics:	5 C3.2
Gene Summary:	Essential for female fertility. May play a role in the oocyte-to-embryo transition. [UniProtKB/Swiss-Prot Function]