

Product datasheet for **SC306999**

ZAR1 (NM_175619) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZAR1 (NM_175619) Human Untagged Clone
Tag: Tag Free
Symbol: ZAR1
Synonyms: Z3CXXC6
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_175619 edited
GCCACCATGGCGCCCTGGGGACGAGGTGCTGGACGGTTACGTGTTCCCGCGTGTCCCC
CCCTGCTCGTACCGTACCCATACCCCGGCCACCAAGGGCAGGGCGCGGGCGGC
AGCTGGCAGCAGCGCGGAGGGGCTGCCTTCCCGCCTCCTCCCGTGTGCTCGGCGGGCGG
GCCTCGTTGTCTTCCCGGCTGCGGGCGGCTGACGGCCGCCAGTACTTCGACAGCTAC
CAGCGGGAGCGGCTCATGGCTCTCTGGCGCAGGTGGGGCCGGTCTCGGGCCGCGGCC
CGCAGGGCCGCGAGCTGCGACGTGGCGGTGCAGGTGAGCCCGCGCATCGACGCCGCGTA
CAGTGCTCGTGGGAGGCGCACGCTGCAGCGCCGGGCCGACCCCGAGTCCCGGCC
GGCCCCGGGGCCGAGGGCACCACGGGTGGCGGCTCTTTCTCCAGCAGCCATCCCGTCA
GGCCTGGAGCAGGGCAGCCCCAGAACGGCGCCCGCGGCCATGCGCTTCCCGCGCACC
GTCGCCGTGTACTCGCCCTGGCCTTGGCCGTCTCACCCTTCTCTGGAGGGGCCCGGG
CCCGCGCGGGGAGCAGAGGTCCGGGGCGTCCGACGGAGAGAGGGGGCCCGCCCGCGG
CGGCTTCAAGGCCAGAGGAGGGGAGGTGTGGACGAAGAAGGCCCCCGCGGGCCGAG
TCCGACGACGACGGCGAGGCCAGGCCGAGTCCGAGCGAGCTGGGAGCAGCCGGCCGAC
GGTCCCGAGTGC CGCCGAGAGGCCAGGAGGGCGAGGCGGCTCCCGGTCCGGCGTA
AGGAGCCCGGGCAACCTCCGTGCGGGGAGGGCCGAGACGGCGGCGACGGAGGGGAG
GCGGCCGTGCGGGAGAGGGGCCGTGCCACGGAGCCCGAGCTGGGCAAGGAGCGGCTG
CGTTCCAGTTCTTAGAGCAGAAATATGGCTATTACCACTGCAAGGACTGCAACATCCG
TGGGAGAGTGCTTATGTGTGGTGTACAGGGAACAAAGGTTTACTTCAAACAGTTT
TGCAGAACTTGT CAGAAGTCTTATAACCCTTACCGAGTGGAGGATATCACCTGTCAAAGT
TGTAACAAACGAGATGTTCTGCCAGTAAAACCTTCGCCACGTGGACCCATAACGGCCC
CACCGTCAAGATTTGTGCGGTAGATGCAAAGGCAAACGCCTGTCTGTGACAGCACTTTC
AGCTTCAAATACATCATTTAG

Restriction Sites: Please inquire
ACCN: NM_175619



[View online >](#)

Insert Size:	1300 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>
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_175619.1 , NP_783318.1
RefSeq Size:	1438 bp
RefSeq ORF:	1275 bp
Locus ID:	326340
UniProt ID:	Q86SH2
Cytogenetics:	4p11
Gene Summary:	This maternal effect gene is oocyte-specific and encodes a protein that is thought to function in the initiation of embryogenesis. A similar protein in mouse is required for female fertility. [provided by RefSeq, Jul 2013]