

Product datasheet for SC325769

ZAR1L (NM_001136571) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZAR1L (NM_001136571) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZAR1L
Synonyms:	Z3CXXC7; ZAR2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325769 representing NM_001136571. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGAGCGCTTTGTCCGTGTTCCCTATGGCTTGACCAGGGTTATGGGAGCACAGTGCCTTTGGGCCAG
 CCTGGACTCTCAGGGCACAAACAGCCCGACTGGAGGCAAATATGGGTCTCCCACTTTTCTGGCCAGG
 CCAGGGCTGCTGGTGCCCGCAACGCCCTGACTACTGCATTGACCTTACAAGAGGGCGCAGCTTAAG
 GCCATTCTCTCCAGATGAACCCAGCCTGAGCCCGGGCTGTGCAAGCCCAACACCAAGGAGGTGGGC
 GTGCAGGTGAGCCCGGGTGGACAAGGCTGTGCAGTGCTCTCTGGGGCCTCGCACCTCAGCAGCTGC
 TCCCCCTGGGACGGCAGAGACCCCGAGGAGCCCTGCCAGCCTGTGGGTCACTTCGCCCCACCGGC
 CGCAGGGGCTTGATCCGCTGCGGAGAGATGGGGACGAAGCGGAGAGCAAGGCGCTCCCGGGCCCTGCG
 GAGGCCAGCCAGCCGAGCCACCATCACGGAGGTGAGGAGCTGACAGGCAGGAGGAGCCCGGCAGCTG
 GAGGAATCGGGGGAGAAAGACGCCCCGTGCCCTCAGGAGACGAAGAGCAAGCAGGTGCCTGGAGACGCC
 GCCTCCGAGCCGCTCCGGAGGCCCAACTTCCAGTTTTTGAACCAAAATATGGCTATTTCCACTGTAAA
 GATTGTAAGACCAGGTGGGAGAGTGCTTACGTGTGGTGCAATTTCTGGAACGAACAAGGTTATTTCAA
 CAACTCTGTTGTAATGCCAAAAGAGTTTTAACCTTATCGAGTAGAAGCAATCCAATGTCAGACCTGC
 TCAAAGTCTATTGTTCTGTCTCAAAAGAAGAGACATTGATCTAAGGAGGCCTCATCGACAGGAA
 CTGTGTGGTCGCTGCAAAGACAAGAGATTCTCCTGTGGCAATATTACAGCTTTAAATATGTGAT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001136571
Insert Size:	966 bp


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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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	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_001136571.1</u>
RefSeq Size:	1103 bp
RefSeq ORF:	966 bp
Locus ID:	646799
UniProt ID:	<u>A6NP61</u>
Cytogenetics:	13q13.1
MW:	36 kDa
Gene Summary:	This gene encodes a member of the ZAR1 family that is predominantly expressed in oocytes and early embryos. The protein may function as an RNA regulator in early embryos. [provided by RefSeq, Apr 2010]