

## Product datasheet for **SC126758**

### JAZF1 (NM\_175061) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	JAZF1 (NM_175061) Human Untagged Clone
Tag:	Tag Free
Symbol:	JAZF1
Synonyms:	TIP27; ZNF802
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_175061, the custom clone sequence may differ by one or more nucleotides

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ATGACAGGCATCGCCGCCCTCTTCTTCTCCAATACCTGCCGATTCGGGGCTGCGGACTCCACTTCC
CCACCCTGGCCGACCTCATCGAGCACATCGAGGACAACCACATCGATACAGATCCACGGTTTTAGAAAA
ACAAGAATTACAGCAGCCAACCTATGTTGCCCTGAGTTACATAAATAGATTCATGACAGATGCTGCCCGC
CGAGAGCAGGAGTCCCTAAAGAAGAAGATTAGCCGAAGCTCTCGCTGACTCTGTCCAGCTCAGTGTCTC
GAGGGAATGTGTCCACTCCCCACGCCACAGCAGTGAAGCCTTACTCCCCCGTGACCCCAACCCATCAC
CCCCTCTTTCATTCCGCAGCAGCACTCCGACAGGCAGCGAGTATGACGAGGAGGAGTGGACTATGAG
GAGTCGGACAGCGATGAGTCCTGGACCACAGAGAGTGCCATCAGCTCCGAAGCCATCCTCAGCTCCATGT
GCATGAATGGAGGGAAGAGAAGCCTTTGCCTGCCAGTTCCTGGATGTAAAAAGAGATACAAGAATGT
GAATGGCATAAAGTATCACGCTAAGAATGGTCACAGAACACAGATTTCGTGTCCGCAAACCAATTCAAGTGT
CGCTGTGGGAAGAGTTACAAGACAGCTCAGGGCCTGCGGCACCACACAATCAATTTCCATCCCCCGGTG
CGGCTGAGATTATCAGGAAGATGCAGCAATAA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_175061 unedited  
 NGGGGTTTCAGATTTGTAACGACTCATATAGGCGGCCGCGCTCACCCCGCCTCTCTCCC  
 CTCCCCAGCCCCCTCTCTCTCACCCACCCGGCCTCCCTCCCTCGCCCGCCCGG  
 CGCTCGCAGAACCAGACACCAGGGGGGCTCTCGATGTAGCACCATGACAGGCATCGCCGCG  
 GCCTCCTTCTTCCAATACCTGCCGATTCGGGGGCTGCGGACTCCACTTCCCCACCCTG  
 GCCGACCTCATCGAGCACATCGAGGACAACCACATCGATACAGATCCACGGGTTTTAGAA  
 AAACAAGAATTACAGCAGCCAACCTATGTTGCCCTGAGTTACATAAATAGATTCATGACA  
 GATGCTGCCCGCGAGAGCAGGAGTCCCTAAAGAAGAAGATTACGCCGAAGCTCTCGCTG  
 ACTCTGTCCAGCTCAGTGTCTCGAGGGAATGTGTCCACTCCCCACGCCACAGCAGTGGA  
 AGCCTTACTCCCCCGTGACCCACCCATCACCCCTCCTCTTATTCCGCAGCAGCACT  
 CCGACAGGCAGCGAGTATGACGAGGAGGAGGTGGACTATGAGGAGTCGGACAGCGATGAG  
 TCCTGGACCACAGAGAGTGCCATCAGCTCCGAAGCCATCCTCAGCTCCATGTGCATGAAT  
 GGAGGGGAAGAGAAGCCTTTTGCCTGCCAGTTCTGGATGTAAAAGAGATAACAAGAT  
 GTGAATGGCATANAGTATCACGTAAGAATGGTCACAGAACACAGATTCGTGTCCGAAA  
 CCATTCAGTGTGCTGTGAAAGAGTACAGACAGCTCAGGCCTGCGGCACCACACAATCA  
 TTTCCCATCNCCGGGTGTCGCTGAGATATCAGGAGATGCAGCNATACATGCTGGTCATAA  
 CTGTGCCAN

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_175061 unedited  
 GGCAATTTGTGACCGCCGATTCTAAGATCGATTTTTTTTTTTTTTTTTTTTTGGGTCAGAG  
 GCAGTTTATTTTAAATGTGATTTTACATTTATAAGCAGTTTTTCTTGACAGGAATT  
 TTGATTAATTTGCCTTCAGTTCTAAAACAAACCTCTGTTGCTTTCAGACTTAATGTGCTC  
 TGTCCTCCAAACAAAACATATGAAAATATAATTTAAAGCACAGTTTTACAGACACAGTACA  
 ATACATTCATACACAGTATAACAAAATATTCCCATCCTTACCTGTTTAGTAATACTG  
 TCACAATGAATAAGTAAATAGAAATTGGAATTTATCTTTGAAAGCATTGAAAGAAATTTA  
 ACATGCACAATGACTATTTTATGACTGTTTAGCTGTTGAACTACTGATCCAGCCTGCAGT  
 TTCTTGCACTAGAAAGAGCGAAGCTAAATAAATTTGCTGGCCTAAAAATTTTTTTGGT  
 CAATTGTAGGTAGATATGAAATAGCCAAGTGGGGCCTTCTTATGCACCAACTAGTTGCGT  
 CTCATGTCTGGATCACCCTTTTAAACATAGGATAACACTGTATATTCAGGACCAAGACCA  
 TACTTCAGATCTGAGGAAATTTTAGAGGGCAGTGTTTTTATAAACTTTGAATCCCTC  
 ATAATGAAGGATTTTAGAACTTATGAATATAGAGGTTTACTCATCTAACAAACAGAACTG  
 TCATCCTTTCAAATGTCTGANNAATTGAGGAGGACCCCTGCTTCCAGTTATATGTGAT  
 GTAAGACTTTTTCANATGGGAACATGGGAAGAACTTTATNAGCATTGAGTTTATTT  
 TATGGGCAGTTAGCTATCTCAAAGCATTTTTTATTGCATTATTANGCA

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_175061

**Insert Size:**

3000 bp

<b>OTI Disclaimer:</b>	<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 <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> 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. <a href="#">More info</a></p>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_175061.2</a> , <a href="#">NP_778231.1</a>
<b>RefSeq Size:</b>	3210 bp
<b>RefSeq ORF:</b>	3210 bp
<b>Locus ID:</b>	221895
<b>UniProt ID:</b>	<a href="#">Q86VZ6</a>
<b>Cytogenetics:</b>	7p15.2-p15.1
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Gene Summary:</b>	This gene encodes a nuclear protein with three C2H2-type zinc fingers, and functions as a transcriptional repressor. Chromosomal aberrations involving this gene are associated with endometrial stromal tumors. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized [provided by RefSeq, Jul 2008]