

## Product datasheet for **SC307834**

### **DZIP1 (NM\_198968) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	DZIP1 (NM_198968) Human Untagged Clone
Tag:	Tag Free
Symbol:	DZIP1
Synonyms:	DZIP; DZIPt1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_198968 edited  
 ATGCAAGCTGAGGCAGCGGATTGGTTTTCAAGCATGCCCTTCCAGAAGCATGTCTACTAC  
 CCGCTCGCCAGCGGCCAGAGGGGCCGACGTCGCTGTGGCCGCCCGCCGCGGGTGC  
 GCCTCCATGGCCTGTGCGCCCCCAGCGCGGCTTCGGGGCCCCTGCCCTTCTCCAGTTC  
 AGGCCCGGCTGGAGAGTGTGGACTGGCGGCGGCTGAGCGCCATCGACGTGGACAAGGTG  
 GCGGGGCTGTGGACGTGCTGACGCTGCAGGAGAATCATGAACATCACCTTCTGCAAG  
 CTGGAAGACGAGAAGTGCCACACTGCCAGTCGGGGGTGGACCCGGTCTGCTGAAGCTC  
 ATCCGTCTGGCGAGTTACCATCGAGTACTTGCTGCACTCACAAGAGTTCCTCACCTCG  
 CAGCTGCACACCCTGGAGGAGCGGCTGCGCCTGAGCCACTGCGACGGCGAGCAGAGCAAG  
 AAGCTGCTACCAAGCAGGCGGGGAGATCAAGACGCTCAAGGAAGAGTGCAAACGCCGG  
 AAGAAGATGATCTCCACCAGCAGCTGATGATCGAGGCCAAAGCCAACTATTACCAGTGC  
 CATTTTTGTGACAAGGCCTTTATGAACCAAGCTTTTCTACAAAGTACATTCAACGCCGC  
 CAACTGAAGAAAATTCTATTTTGAGTATCAGAAAAATGCACAGATTGAGAAGCTCCGG  
 AGTGAGATCGTCGATTGAAGGAAGAGCTGCAGCTCACCAGGTCTGAGCTAGAGGCTGCA  
 CACCATGCCAGTGCAGTCAGATTCTCAAGGAATATGAAATGCAGAAAACAAAAGAGGAA  
 GACTTTTTGAAGTTATTTGACAGGTGAAAAGAAGAAGAAAAGGAGAAACTAGTTGATGAA  
 ATGAAAAAAGTCAAGGAGATGTTTATGAAGGAATTTAAAGAATTAACCTCGAAGAATTC  
 GCATTAGAATATCAACTGTCAGAAATCCAGAAGTCCAATATGCAGATCAAGTCCAACATA  
 GGCACATTAAGATGCACACGAGTTTAAAGAAGACCGTTCTCCATATCCCCAGGATTTT  
 CATAATGTCATGCAGCTTCTTGATAGTCAGGAAAGCAAATGGACAGCTCGAGTTCAGCT  
 ATTCATCAAGAACACAAGAAAGAGAAGGGTCGGCTCCTGTCACATATAGAGAACTTCGA  
 ACCTCAATGATAGATGATCTAAATGCAAGCAATGTTTTCTATAAGAAAAGGATAGAAGAG  
 CTAGGCGAGACTCCAGGAGCAGAATGAGCTGATTATAACTCAGAGACAGCAGATTA  
 GACTTTACCTGTAATCCATTAACAGTATCAGTGAACCCAAAGGAAATCCTTTAGCCTGG  
 CAGGCTTTTGAATCTCAGCCAGCTGCTCCAGCTGTGCCTATGAATGCCCCAGCCCTGCAC  
 ACTTTGAAAATAAATCAAGTCTGCCAATGGTGCATGAACAGGCATTCTCGTCGCACATA  
 CTGGAACCAATAGAAGAACTTTAGAGGAAGAAAAAGGAAGGAAAAATGAACAGAAATTA  
 AATAACAACAAAATGCATTTAAGGAAAGCTTTGAAGAGTAACTCCTCCCTACTAAGGGA  
 CTAAGAACAATGGTGGAGCAGAATTTGATGGAGAACTGGAAACCTTGGGGATTAATGCA  
 GATATACGTGGCATTTCAGTGATCAGTTGCATAGAGTACTAAAAAGTGTGAATCAGAA  
 AGACATAAGCAAGAAAGAGAAATACCTAACTTTTCAATTCGAGAATTCCTTGAACAT  
 CAAGTCAGCTGTAAAATTGAGGAGAAAGCACTACTCTCTCAGATCAGTGCAGTGTTCCT  
 CAAATGGATACCTTTTCAACTGGAGAAGTACCCAAAATGATACAACCTTCCTTCAAAAAAC  
 AGACAACCTGATTAGACAAAAAGCTGTTTCTACTGATAGGACATCTGTTCCAAAAATTAAG  
 AAAATGTGATGGAAGATCCTTTTCCAGAAAGTCTTCAACTATTACGACCCCTCCTTTT  
 AGTTTCAGAGGAGGAGCAGGAGGACGACCTCATCCGGGCATACGCATCCCCAGGCCCA  
 CTTCTGTGCCGCCACCACAAAACAAGGGCAGCTTCGGGAAGAACACAGTGAAAAGTGAC  
 GCGGACGGGACCAGGGAAGCGAAATCGAGGACACTGATGATTCTCCAAGCCCGCAGGA  
 GTCGCCGTTAAAACACCTACTGAAAAAGTTGAAAAGATGTTTCCACATCGCAAAAAATGTG  
 AACAAACCAAGTCGGTGGAACTAATGTCCCTGAGATGTTTATCAAAAAAGAAGAATTACAA  
 GAACTAAAGTGTGCGGATGTGGAGGATGAAGACTGGGACATATCATCCCTAGAGGAAGAG  
 ATATCTTTGGGAAAAAATCTGGGAAAGAACAGAAGGAACCTCCACCTGCGAAAAATGAA  
 CCACATTTTGTGCTGCTAAATGCCTGGGGCGCATTTAATCCTAAGGGGCCAAAGGGA  
 GAAGGACTTCAAGAAAATGAATCAAGCACATTAAGGACAGCTTAGTAAGTGTGACTGAT  
 TGGAGCGACACTTCAGATGTCTAA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_198968  
**Insert Size:** 3500 bp

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<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>	<u><a href="#">NM_198968.1</a></u> , <u><a href="#">NP_945319.1</a></u>
<b>RefSeq Size:</b>	7495 bp
<b>RefSeq ORF:</b>	2604 bp
<b>Locus ID:</b>	22873
<b>UniProt ID:</b>	<u><a href="#">Q86YF9</a></u>
<b>Cytogenetics:</b>	13q32.1
<b>Gene Summary:</b>	May participate in spermatogenesis via its interaction with DAZ (PubMed:15081113). Has a role in primary cilium formation (PubMed:19852954).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) includes an alternate exon in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is longer than isoform 1.