

## Product datasheet for **RN202668**

### Zfand4 (NM\_173332) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfand4 (NM_173332) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfand4
Synonyms:	Anubl1; Rsd7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN202668 representing NM\_173332  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTTCAAAGCTGATTTGGGTACAATTGGAATACAGTTGCATACAACCTATTCCAGAAGAATTAGAAAAG  
 TCAAAGTAATGGATAACAGAAAAGAGCCTCCATTCTTCAATGAGGATAACGTGGGACCATTTTATTCAA  
 GCTTCCTTTCTATGACCCCATGGAGCTTTCATCGAGACGCTGACCGGAACATGTTTTGAACTAAGAGTT  
 TCACCCTTTGAAGCTGTATCTCTGTGAAAGGAAAAATCAAAGATTGGAAGGATTCCCATCTGTCAGC  
 AGCACTTAATTTGGAATAACATGGAGCTTGAAGATGATTATTGCTTGAATGATTACAACATTTCCGAAGG  
 TTGTACCTTGAAGCTGGTATTGGCTATGCGTGGCGGACCAATAAGTACTAGAAAAGTTCTCTGTGGAAGAC  
 CCCTCAGGGAGCTTGTGAGTACATGGATTCCAGTCGAGATGAGGTCTGGGAAAAGACCTTTGCAACA  
 AACAAAGTTACATTTTGGTATACCGGGAAGGAGATCAACTAAATTTCTTTCGTGTAGTAGATAGGGGAGA  
 TGGCACTTAACACCATTATCAGAATCTTAAAGTGGTGGCTCTGTATATAATTTGTACACAGATGAGGAT  
 GAAGAGACTGAGCCTTCTCCTTCTGGGCAACAATCATTGAAAATTCATAAATACTGAACAAGATGAAGC  
 TGCTGAAGGCTAAGATGGAGAACATGAATCTCAGCAAAAAGCCTAAGAAAAGTTGTCAAGGTAAAACCTCG  
 CCCACCCATAGCTCCTCGGCCATCCAGCAGTTCTGCAGCAGCAGCCCGGCACAGACTGTTAAGAGTCCTC  
 CCTCATATTGGGCAGTCTTGTTCCTTCTGGGAATGCATATGTCCTGAAAACATCCAGGAATGCAGGCA  
 CAAGCTCTGCAGCTCAGGCCCTGCCGATAGACCGATGCCATCTCTCAGGAGTGAGCTGTGAAGGATGA  
 TGGTAAGTGGGAGAGAAACATGCTGTCTCACTCCAGAGTAGCATCAGACTGCTTCTCAGCTGACCCAC  
 CTAGACCTGAAAACGACAAAGAGCTTCCAGATTCTGTCTTCATCTTGGATCATCCCTGCCTCGGCGGA  
 CCAAGCACCTTTCAGGAACTTGTCACTAATAATGAGGAGGATGTTGTCTTATTTCCACGGTCAGAAGA  
 ATGTGTAGCTGACGAGTTGCTCCTGCCAGAAGTAGGTCTTTTGTCTCCATTTGCAGAAGGAAATGGTGCG  
 GAGCAGAGCAGTGGTGTAGAAGGTTAGGGAAGGTAACACCAGAGTCCCACTACTAAAGGTGATGGAG  
 GACTGAGGGCAGCAGAGCAGCCTCTGAGCCATATGGCAAGAGTGTGAGCAGTGACCCAGGAGACAATGC  
 AGTTCTTAACCACCACCGAGAGCCAGGCTCTCACAAGAACAGACTCCTGTACCTCTTCTCTGTGTTGCA  
 CCAGTGTCACTACATAATTCTCTGGTGAAGCCACAGAGACAGTCGAAATGTTTTGAGTCAGGCAACCCCT  
 CAGCGTCTACATCAAAAACACCCTGCGGGAATTGGACATTCGAACCATAGCAGATTCTCCTTTCTCTAG  
 GACTGCTCGCTCCGTGGTGTAAAGTCGATTCGCTGGGAAAAGATCTGATGTTATTTCAAAGTGAA  
 GCCCGAGATATTACAGAAATGGTAACAAGCTTCCAAGAGCCCGTTGGTTGTGTAACAACAATGGCT  
 TTTTGGCTCACTGGCACGGAGTGCAGCAGAGACAGTTTGCATAGCACGCTGGAGTAGGCAGGCTTCG  
 GTCCTCCGGAATTGGGTTGTCTACAAACTTCCAGCATTTTCAGGATGAAAACATTAGGAAAAGTTCTCCC  
 CAGTCAGAACCTACAGATTTTTTTCTATCTGCCGTGGTATTGGAATGAATGGAAGTAATGCAGCAGCAG  
 GGAAGAGAATAGGAGAAAGTACTCACCACCTTCCACCTGTGAAAGCCCTCTTCAAACAAGAAGAAAGT  
 AACGAAACATTGTTTTCTTTGTGGAAGAAAACAGGACTGGCCACTAGCTTTGAATGCAGGCAGGTGGTC  
 AGCTGGAGAAGCTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_173332

**Insert Size:** 2115 bp

**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).

<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_173332.2</a></u> , <u><a href="#">NP_775454.2</a></u>
<b>RefSeq Size:</b>	2260 bp
<b>RefSeq ORF:</b>	2115 bp
<b>Locus ID:</b>	286998
<b>Cytogenetics:</b>	4q42
<b>Gene Summary:</b>	testis-specific gene [RGD, Feb 2006]