

## Product datasheet for **RN215200**

### Zscan10 (NM\_001106981) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zscan10 (NM_001106981) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zscan10
Synonyms:	Zfp206; Znf206
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN215200 representing NM\_001106981  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGATGGCGGAAGCAGTCCCAGATGCCCGGAACAAGAGCATTCCGGAGCCGTGAAGCTAGAGGAGGATG  
 AGGTTGGCGAGGAGGATCCCAGGCCGGCAGAGTCCAGGCCTAGGCCTGAGGTGGCCACAGCTTTTCAG  
 ATGTTTCCAGTATCAGGAAGATATGGGGCCACGGGCATCTCTGGGTCGGCTCCGGGAACCTGCAACCAC  
 TGGCTGAGACCGGCTCTGCATACCAAGAAGCAGATCCTGGAGCTGCTGGTTCTGGAGCAGTTCCTTAGCG  
 TCCTGCCCCCGCATGTGCTGAGCCGACTGCATGGCCAACCGCTCCGGAATGGAGAGGAGATGGTACAGCT  
 GTTGGAGGGCGTGACACCCAGAGACACCAGCCACACGGGGCCACTGGATTTTAGCTTCAGTGCTGGCAAG  
 AATGCCCTGTAGACGTCTCAGAGGAACAAAGTAGCCCTCCAGGTTCCAGCCACAGCCCCAGACGG  
 AGTTGCCCTCAGAAGAGAGTCCAGCCCTGCATCCATTGAATGAGTTATCTCCATCTCAGCCAGTGCCAC  
 GAAGCCTGCCGAATCTGAGGAGTGGAACTTGCCCAAGTTCAAATTGGCCAATGAGCCAGAGCCCCAG  
 GAGATACTCCAGGACCCACAAGAAAGCAACCCATGCAGGGCCCCCAGGGCTCGAGGAGGATCCAGAG  
 ACCAAGAGCTGGCAGCTGTGTTGGAATCCCTCACCTTTGAGGATACCTCAGAGAAGAGAGCTTGGCCTGC  
 AAACCCTCTTGGAGTTGGAAGCAGAATGCCGGGCAGCGAGGAACTCAAAGTTGAAGAACGGAAACCTGCC  
 GCCATCGGAGCAGAGTCCCAGACAGACAAACCTGGAGGTGCAGGAGAGCCCTTTACGCAGACTCTTGGGA  
 AGGAAACAAGCAGCCCTGATTCGGGAGGTACCCCTGCTGACAGCGGTGAAGTTGTGGAGTTAGGGGAAC  
 TGCGGATGCCCAAAGCCTCAGGCGGAGGTGACGTTTATGTACAGCTTGTGGAGTGAACCTCTCACAG  
 ATGTCCCATCTACAGGCCACCAGCTACAATCTCACCCAGCTCTCAACCTCACCAAGCTCTCGATCCT  
 TCCGGTGTCTGTGGTGGGGAAGACTTTTGGACGCAGCTCCATCCTCAAGCTGCACATGCGCACGCACAC  
 AGACGAGCGACCCACGCTGCCATCTCTGCAGCCACCGCTTCCGCCAGAGCTCACACCTGAGGAAGCAC  
 TTGCTAACGCATTTCTCTGAGCCTACCTCCGGTGCCTGAGTGTAAACCAGGGCTTCCGGCGTGCCTCCA  
 GCCTCATGCAGCACCTGATGGCAGATGCCAGGAACAAATTTCCACGCCAAACCCAGAAGCAAGACAAA  
 AGTGCCAGCGGTGGCAGCTGTCTCTGTTCCCACTGCGGGCAGACCTTCCAGAGGCGCTCTAGCTTAAAG  
 CGTCACCTGCGTATTCATGCCAAGGACAAGGACCATCATCAGTCTCTGAAGACCCTGGCAACCTTAGCT  
 CTCACCAGGAGAGTGAATCCTATGTGTGACGAGTGTGGCAAGGTCTTCCGACAAAGCGAGCACCTGAT  
 AACCCACAGGCGAGTCCATACCCGTGAACGGCCCTTCTCTGCCAGGTCTGTGGCCGCTGCTTACCCAA  
 AATTCTCAGCTGATCAACCACCAGCAGGTGCACACAGGTGAGAAGCCCCACGCCTGTCTCAGTGCAGCA  
 AAGCCTTTGTGAGACGGGCTGGCCTTGCTCGACATCTGTTGACCCACGGTGGCCTCCGGCCTTACCACTG  
 TGCCCAAGTGTGGCAAAAGCTTCTGCCAAATGCGAGACCTGACCCGCCACCTACGCTGCCACACAGGGGAG  
 AAGCCCTGCCGATGCAACGAATGCGGAGAGGGGTTAGCCAGAATGCCACCTGGCAGCCACCGCAGCA  
 TCCACACGGGGGAGAAGCCCCACGCCTGTGACACCTGTGGTACCCGTTTCCGCAACAGCTCCAATTGGC  
 CCGCCACCGCCGAGTCACTGGGGAACGGCCCTACAGCTGTCCAACCTGCGGCCGTAGTTTCCGACGC  
 AATGCGCACCTGCAGCGCCACCTGGTGCACACACAGGGTCAAAGCAAGAAACGGAAGACCCCCAGGAGT  
 GCCCTGAGTGTGGCAAGAGCTTCAATCGCAGCTCCAATTGCTGCGCCACCTGCTGCTTACACAGGCGC  
 AAGGCCCTACTCCTGTGTGCTGTGCGGCCGCGGCTTACGCCGAATTCGCACCTGCTGCGCCACCTCCGA  
 ACCCACGCCGGGAGACGCTGTACTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001106981  
**Insert Size:** 2337 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>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_001106981.1</a></u> , <u><a href="#">NP_001100451.1</a></u>
<b>RefSeq Size:</b>	2748 bp
<b>RefSeq ORF:</b>	2337 bp
<b>Locus ID:</b>	302962
<b>Cytogenetics:</b>	10q12