

## Product datasheet for **RN205535**

### **Zbtb10 (NM\_024489) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Zbtb10 (NM_024489) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb10
Synonyms:	Rinzf
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205535 representing NM\_024489  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGGCCGGGCCGACGAGGAAATGGAATCGGAGGCGCTGGAGCCCAAGACTCGGAGGCGCTCCGCCGGG  
 GCGGCCGCGCGGAGGACGCCAAGGAGTTGCTGCTCCCTAGGACACGGGCGGCCCGCCTTGCTGGGCG  
 GCGGCGCGGGGGCCCTTGCTAGCGAAAGGAACCGTCGGACTCTGGCCTTCCGCGGGGAGGCGGCGG  
 GGGTCTCGGCAACAATGGCAGCAGTCGCGGCGGCCCGGAGACCTCGGCGTGGCCCTCAGGCATTTCAAT  
 GGGCGAGGGCTGGCGCCGTGGATCCGGAGCTGGACGCGCTGGAGGGGAAGGAGTTGATGCAGGACGGGG  
 CGTCCCTGAGCTACAGCACCGAGGAGGAGGGGGCGAGCCCGGGCGATGGCAGTGGGGCGGAAGCGGCAG  
 CGCAGCAGCAGCAGGCGGTGGGAGGCGAAGCGGGGAAGAAGCAGAGGGCAGCGGTGTGGGAGCTGGAG  
 AAGGAGAGACTGTCCAGCACTTCCCGCTCGCGAGGCCAAGTCCCTCATGCAGAAGCTCCAGTGTCTCTT  
 CCAGACCTCTTGCTCAAGGACTTCCCTTGCTGCGGTACTCCAATGATACTGGCCTTATGTTTTGCGGC  
 TGGTGCCAAACGACCCCGAGGATGTGGCAGCGTGGACCTTCCCAAGTGGGGCATGATGAGCTTTCGC  
 GAGGGACCCGCAACTACAAGAAAACCTGCTCCTGAGGACCCACGTCTCCACCGAACACAACTCCACGA  
 AGCCAACGCCAGGTGTTAGGATCACAGGCATGTGCTACTGTGCGATGGAAGTGTGTTGATAAACCCGAT  
 GCAAGTGAAGGGTGTACTGGTGGGAAATGAGTCAGAAAATACCATCAGAGGAGGGATACTGTGACTTTA  
 ATAGTAGGCCAAATGAGAACTCTATTGCTATCAACTTCTCGACAAGTATGAAAGAGAAAGAAAGA  
 TATTTCTTGTGATGTCAGCATTGTGGTGAAGCGGAAAACTTTAAAGTCATAAAGACATCTCGTTGCA  
 GGCACCGTCTTTAAAGACTTTATATTGTGTTCAAACAAGAAAGCCCTAACCAAAACAATACTACCC  
 ACTTAGATATTGCTGCAGTTCAAGGTTTTTCAGTCATCTTGACTTCTGTATTCTGGAACTGGTGCT  
 CACAAGCCAAAATGCCATTGAAGTGATGACAGTGGCCAGCTACCTCAAATGAGTGAAGTTGTTCAAAC  
 TGAGAAAATTTATTAAGATGCCTTAAATATTAGCATTAAATCAGAAGCTCCAGAGTCTGTAGTTGTGG  
 ACTATAATAATAGGAAACAGTTAGTAGAGATGGCCTGACTTCATCACGGGATCAAAAAATTGCCAGCTT  
 CTGGGCGACACGGAATCTTACCAATTTGGCAAGTAATATAAAAAATTGAAAATGATGGTTGTAATGTCGAC  
 GAGGGCCAAATAGAAAATACCAGATGAATGACAGTAAGTGGGTCCAGGATGGTTCTCCTGAATTGGCTG  
 AAAATGAATCTCAAGTAAAACAAAAGTGTATTTTGAATAATATGGCCTCTCAAGAGACTGGCAAAGC  
 AAGGAGGAAAAACCAAATAACAAGAGATTTGTCTATAATATACCACCGAATAGTGAGACAATAGTCGAA  
 GACTGCTCCGTGTGACGCCACCTGTTGCCTATCCGGAAGAAAAAAGGCCCTACTCATCAAGGAAGAGC  
 CAGTTTCAGATTTGGATGGCGCACTACTCTCAGGGCCTGATGGTATAGGACCATGAATACAAATTTATT  
 GGCTGAAGCCTGCAGTAGTCAAGATGCAGGAGATGCTGCTGGAGCATCACATGATTTCAAGTATGGTTT  
 ATGCTGGCACTTCAAGTGAATTTCAAGTATGGGTTACTACCAAGTACTTCAAATGACTTCAAATACGGAT  
 TGCTACCGGGTGTCCAATGATTTCAAGTATGGATTATTGCCAGAACTTGGCCACACAAGAGCCGTG  
 GGAAAAATGGTACTCATCTCTAATCATGAACAAGTTGAAATGCCCTCATTGTAGCTATGTAGCCAAGTAC  
 AGGCGGACACTAAAGAGGCACTTGCTCATCCATTCTGGAGTAAGATCCTTAAAGTGTGAAATTTGTGGAA  
 AGATGTTTACTAGAAGAGAACACGTGAAAAGACATTCCTGGTGCATAAAAAGGATAAAAAATACAAATG  
 CATGGTGTGAAGAAGATCTTCATGTTAGCAGCCAGTGTGGAATAAAACATGGATCTCGACGCTACGGA  
 GTATGCATGGACTGTGTAGATAAATCACAAACCAGGAGGGCAGGAAAGCATAGATCAGGGACAAGATACAG  
 AGTTCCCTCGGGATGAAGAGTATGAGGAAAACGAAGGAGTCGAGCCTGATGAAGAGCTAGCTGAGGACGG  
 ACAGGATCAGAGCGATGCACCGCGGTGGGATGAACCGGGAGGCGCTTACGTCTCTGGATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_024489  
**Insert Size:** 2511 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>	<a href="#">NM_024489.1</a> , <a href="#">NP_077815.1</a>
<b>RefSeq Size:</b>	3849 bp
<b>RefSeq ORF:</b>	2511 bp
<b>Locus ID:</b>	80338
<b>UniProt ID:</b>	<a href="#">Q9WTY8</a>
<b>Cytogenetics:</b>	2q23
<b>Gene Summary:</b>	binds the gastrin CACC cis-regulatory element; may block Sp1 transactivation of gastrin gene expression [RGD, Feb 2006]