

## Product datasheet for **MC222555**

### **Zbtb41 (NM\_172643) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Zbtb41 (NM_172643) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb41
Synonyms:	8430415N23Rik; 9430031N01; 9830132G07Rik; AI316857
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC222555 representing NM\_172643  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGAAAAGGAGAAAGTTACTTCAAATCTTGACGAGAAGATCCATCTAGGCTATCATAAAGACTCTT  
 CGGAAGAAAATGCTGCTGTGGAGTGTGGCCAAGTGACCTATACTCAGGCTCCAGAAAAGCAACCCCGA  
 AGCTGCCAGCGTTGCCAAGAACTGCCTCCCTCTCCAGATCAGAGAAAAGCTTTTGTAGTTCTTTGAGTAT  
 AATAAGAATTTGCTGAAGTATTTGAACGATGATAGGCAGAAGCAACCGTCTTTCTGCGATTTACTTATCA  
 TAGTGGAAAGGAAAGAGTTTGTGCGCATAAAGTGGTCTGTGCTGCGCAGTAGTTATTTTCATGCGTG  
 TCTGAGCAAAAATCCAAGCACTGATGTTGTACCCTGGATCACGTAACGCATTGCGTTTTTCAGCATTG  
 CTTGAGTTCCTACACATCGGAGTTTTTGTGTACAAAACGAAATACCTTTGTGTTAGAGGCTGCAA  
 AATTTTTGGACATCATCGATGCGGTAAGCTGCTGAATAATGAGAATGTTGCTGCCTTTCAGGCCGAACT  
 GACTGAAAAGTCGTACCAGAAGAACTAAATGAGCTAACTGGAAGACTGTCGAGTAGTCATCAGTGC  
 AAATTTTGTAGTAGGCATTTCTGCTATAAAAAGTCCTTAGAGAATCATTTAGCCAAAACACAGGTCTC  
 TGCTCCTTGGGAAAAACATGGGTTAAAAATGCTGGAGAGAAGTTTTTCTACCCGGAGGTCAAAGAGGAA  
 TCGGAAGTGCCCTGTCAAGTTTGTAGGATACCAGCGACGATGAACAGGAGAGTGGGGATGGGTGAGACAAT  
 TTGCATCAAGAAAGTTCTGAGAAGGAGAGGTGAGATAGAAATGATTCTGAGGACCTGGCAGTGAATATA  
 ATGCCGAAGACGAAGAGCTGGAGGAGGAAGTGTCCGATGAAGACTCTGACACGGAGCAGAGTGACAAAGA  
 TAATGATGCAGAAGAGGAACCTGAGGCTGGCGACTCTGCCGGGAGCATCCATGAAGGTTAGCTCCCGTC  
 ATCATTGAGAACGCAATAAGAAAATCCTGCAGTGTCCAAAATGTGATAAGACATTTGACCGGATAGGGA  
 AATATGAGAGCCACACCGTGTGCACAGGTGAGAAGCCTTTTGTAGTGTGATATTTGTACCAGCGTTA  
 TTCGACAAAAGTCTAACTTAAGTGTTCACAGAAAAGAACACAGTAACGAAGTAGAGTTTTCATAGGAAGGAG  
 CACAAGTGCCCTTACTGTAACAAGCTGCACGCAAGCAAGAACACTGGCCAAGCACGTCGAAGATTCC  
 ATCCTGAAAATGCACAAGAGTTTATTTCCATCAAGAAGACTAAGAGTGAAAGTTGGAAAATGTGATATTTG  
 TAAGAAATCTTTTACTCGAAGACCACACTTGGAAAGACACATGATTCTGCATTACAAGATAAACCCCTT  
 AAATGTACCTATTGTGAAGAACATTTCAAATCCCGTTTGCACGGTTAAGCATCAAGAGAAGTTCCACC  
 TGGGACCTTTCCATGTGATATATGTGGTGTGCTGAGTTCATGATACTGAAAATTTAAACGCCATATAGA  
 ATGTAATCATGGTGGAAAGAGAAAATGGACTTGTCTTTATTTGTGGGAAGTCAAGAGAAAGAACTACT  
 TTGAAAGAACATTTGAGAATACACAGTGGAGAAAAGCCTCATCTTGCAGTATCTGTGGCAGAGTTTTTC  
 GTCATGGAAGCTCATACAGGCTTCACTTGCAGTGCATCACGATGACAAGAGATATGAGTGTGATGAATG  
 CGGAAAAACGTTTATTCGCCATGACCACCTTCAAAGCACAAAAAATACTCAGGCGAGAAGGCTCAT  
 CAGTGTGAAGAGTGTGGAAAGTCTTCCGGCGCAGGGACCACCTCACTGTGCATTACAAGAGTGTGCATC  
 TGGGAGAGAAGTTTGGCAGAAATATAAAGCAACATTTTCATCAATGTGATGTTTGAAGAAGATTTTAA  
 AGGAAAGTCAAGTCTGAAAATGCATTTTCGGACACATTGAGTGAAGAACCATACAAGTGTCAAATTTGC  
 AATCAGTCGTTTGAATTAAGAAAATTTAACAAAACACCTGGTTATTTACTCTGATGCCCGCCTTTCA  
 ATTTGCAACATTTGCAATGCAACATTTAAGCGGAAAAGATAAGCTGAAGTACCACATTTGACCATGTTCA  
 GATAAAAATCTCCTGATGATTTCTCAGTACTTCTGAGGAAAACACTCATGCTTTTGCCAATGGAGTACTCA  
 TCTGATGATAAGATCTTTCAAGCAGAAAACAAAACAGTATCTGGACCAGCCAAAAGTTTATCAGTCGGAAG  
 CCAAGACTATGCTACAGAACGTGTCTGCAGAAAGTATGTGTTCCAGTAAACATTTGGTCCCAGTTCAAATGCC  
 TGACACATCCAGCGATCTGGTGCCTCATACCACCACACTTCCCACATCGTCCCATGAGATGCTGCCACCA  
 CAGCCACAGTCAACTGATTATCCTCGTGCAGCAGACTTAGCATTCTGGAAAAATACACTTTACTCCTC  
 AGCCTGCAAAATAGTTTCATCCCGTCCGACCCGAACAGATGCTAGATCCTAGAGAACCATTTATCTCGG  
 GACATTACTGGGCTTGTAGCACAGCTGCTGTCCAGAATATGTGCAGTAGTGAGCATCGTTCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_172643

<b>Insert Size:</b>	2727 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_172643.5</a></u> , <u><a href="#">NP_766231.2</a></u>
<b>RefSeq Size:</b>	8362 bp
<b>RefSeq ORF:</b>	2727 bp
<b>Locus ID:</b>	226470
<b>UniProt ID:</b>	<u><a href="#">Q811F1</a></u>
<b>Cytogenetics:</b>	1 E4
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]