

## Product datasheet for **MC228823**

### Zbtb20 (NM\_001285805) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb20 (NM_001285805) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb20
Synonyms:	1300017A20Rik; 7330412A13Rik; A930017C21Rik; D16Wsu73e; DPZF; HOF; ODA-8S; Oda8; Zfp288
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228823 representing NM\_001285805  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTAGAACGGAAGAAACCCAAGACAGCTGAAAACAGAAAGGCATCTGAGGAGAATGAGATTACTCAGC  
 CGGGCGGATCCAGCGCCAAGCCGGCCCTCCCTGCCTGAACTTTGAAGCTGTTTTGTCTCCAGCCCAGC  
 CCTCATCCACTCGACACATTCACTGACAACTCTCACGCTCACACCGGGTATCTGATTGTGACATCAGT  
 TGCAAGGGGATGACCGAGCGCATTACAGCATCAACCTTCACAACCTTCAGCAATTCGGTGTGAGACCC  
 TCAACGAGCAGCGCAACCGTGGCCACTTCTGTGACGTGACGGTTCGCATCCACGGGAGCATGCTGCGCGC  
 ACATCGTGTGCTGGCAGCCGGCAGCCCTTCTTCCAAGACAAGCTGTGCTGGGCTACAGCGACATC  
 GAAATCCCGTCCGTGGTGTCCGTACAATCGGTGCAAAAGCTCATTGACTTATGTACAGCGGTGTGCTGA  
 GAGTCTCACAGTCGGAAGCTCTGCAGATCCTCACAGCCGCCAGCATCCTGCAGATCAAAACAGTCATAGA  
 TGAGTGCCTCGCATCGTGTACAGAACGTGGGCGATGTGTTCCAGGCATCCAGGATTCGGCCAGGAC  
 ACACCAAGAGGCACACCAGATCAGGCACATCTGGCCAGAGCAGTGACACGGAATCAGGCTACCTGCAGA  
 GCCACCCACAGCATAGTGTGGACCGAATCTACTCCGCACTCTACGCCCTGCATGCAGAATGGCAGCGG  
 CGAGCGCTCCTTCTACAGTGGTGCAGTGGTCCAGCCACCAGAAACAGCTCTCGGCCCTGCCCGTGACCAC  
 CACATGGAAGACCCTAGCTGGATCACACGCATTATGAGCGCTCCAGCAAAATGGAGCGCTACCTGTCCA  
 CCACCCCTGAGACCACGCACTGCCGGAAGCAGCCCGGCCCTGTGCGTATCCAGACCCTGGTGGGTAAACAT  
 CCACATCAAGCAGGAAATGGAAGATGACTATGACTACTATGGGCAGCAAAGGGTGCAGATCCTAGAACGC  
 AATGAATCCGAGGAGTGCACAGAAGACTGACCAAGCAGAGGGCACTGAGAGCGAGCCAAAGGTGAAA  
 GCTTTGATTCTGGGGTCAGCTCCTCCATCGGCACCGAACCTGACTCAGTGGAGCAACAGTTTGGGGCAGC  
 AGCCCCAAGGGACGGTACGGCAGAAACCCGCCAACCTGAGCAGGCAGCAGAAGCCCCAGCTGAGAGCAGT  
 GCCCAGCCAAACCAGCTAGAACCAGGTGCCTCCTCCTGAGAGAAGCAACGAGTCAGAGATGGACAACA  
 CAGTCATCACTGTGAGTAACAGTCCGATAAAGGGCGTCTACAGCAGCCTTCAGTCAACACATCCATCGG  
 GCAGCCATTGCCAAGTACCCAGCTCTATTTACGCCAGACAGAAACCTCACCCAGCAACCTGAGGATGCCT  
 CTGACCTTGACCAGCAACACAGGTATTGGCACCCTGGCAACACCTATCTGCCAGCCCTTTCACTA  
 CCCAACCCGCGGGCAGTGGCCCCAAGCCTTTCTTTCAGCCTGCCGAGCCCTGACAGGCCAGCAGAC  
 CCAGTTTGTGACAGTGTCCAGCCGGTCTGTCCACCTTACTGCACAGTGCACAGCCACAGCCCTG  
 GCCTCATCTGCAGGCCACAGCACAGCCAGTGGGCAAGGGCAGAAAAGCCTTATGAGTGCCTCTCTGCA  
 ACAAGACTTTCACAGCCAAACAGAACTAGTCAAGCACATGTTCCGTACATACAGGTGAGAAGCCCCACCA  
 GTGCAGCATCTGCTGGCGCTCCTTCTCCTTGAAGGATTACCTTATCAAGCACATGGTGACGCACACCGGC  
 GTGAGAGCGTACCAGTGTAGCATCTGCAACAAGCGCTTCAACCAGAAAGATTCCCTCAACGTGCACATGC  
 GCCTGCACCGGGGAGAAAGTCCATGAGTGTACATCTGCAAAAAGAAGTTCTCCACAAAGACCCTGCT  
 GGAGCGACACGTGGCCCTGCACAGTCCAGCAACGGGACCCCTCCGGCAGGCACGCCCCAGGTGCCCGC  
 GCGGGTCCGCCAGGCGTGGTGGCCTGCACAGAGGGGACCCTTACGTCTGCTCCGTCTGCCAGCAAAGT  
 TTGACCAAATCGAGCAGTTCAACGACCACATGAGGATGCATGTGTCTGACGGA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001285805

**Insert Size:** 2226 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001285805.1</a></u> , <u><a href="#">NP_001272734.1</a></u>
<b>RefSeq Size:</b>	3209 bp
<b>RefSeq ORF:</b>	2226 bp
<b>Locus ID:</b>	56490
<b>UniProt ID:</b>	<u><a href="#">Q8K0L9</a></u>
<b>Cytogenetics:</b>	16 28.44 cM
<b>Gene Summary:</b>	<p>May be a transcription factor that may be involved in hematopoiesis, oncogenesis, and immune responses (By similarity). Plays a role in postnatal myogenesis, may be involved in the regulation of satellite cells self-renewal (PubMed:27446912).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variant 1 and 3 encode the same isoform (L).</p>