

Product datasheet for **MC206038**

Zbtb20 (NM_019778) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb20 (NM_019778) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb20
Synonyms:	1300017A20Rik; 7330412A13Rik; A930017C21Rik; D16Wsu73e; DPZF; HOF; ODA-8S; Oda8; Zfp288
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC056446
 CCAGGGAGACACCGATTATGAGAAGAGAAACTCAGCGCTGGGGAAGAAGATAACTGAATGGAGTGTTTGA
 ATTGCGCTTTGCGACTCTGAAGGCTGAAGGTGTTTCCTTATAATAACAACCTTCAGCCATATTATAACAT
 CTTGAAAGAAAACCTTCCAAGACTCTTTTATCATCAGCAATTGAATTTTACACAACCTTGCTGGCTGTC
 CCTTGACCACAGTCTGTTGCCTGTTGCTGCTTTCATATGCAGCCACTCTGTCCCCTGCCCAATGA
 ACATCTGCACTAGGCCAAAGCCTTGGAGTGATTTACCTGAAGAGTGACACCAATTATCTGGAACTACTA
 AAGTATAATTGAGAGGAACAGGGTGAAGGAAATGCAAATGCGAAAGGGAAGCAGTAGATGAGGAACTGA
 AGCCCAGAGAAGTGAAGTGAGGTGCCCAAAGCCACACAGCAAGTTGCAGGCACAGCTAGTTCCGTAGCTC
 AAGTCTCCTGACTCCCAGTCCAGTGTCTTCCCATTACTCCACGGGTCTGTCTCTAAGTCTCCTGACAA
 ATGCTAGAACGGAAGAAACCCAAGACAGCTGAAAACCAGAAGGCATCTGAGGAGAATGAGATTACTCAGC
 CGGGCGGATCCAGCGCAAGCCGGCCCTTCCCTGCCTGAACTTTGAAGCTGTTTTGTCTCCAGCCCCAGC
 CCTCATCCACTCGACACATTCCTGACAACTCTCAGCTCACACCGGTCATCTGATTGTGACATCAGT
 TGCAAGGGGATGACCGAGCGCATTACAGCATCAACCTTCAACTTCAGCAATCCGTGCTCGAGACCC
 TCAACGAGCAGCGCAACCGTGGCCACTTCTGTGACGTGACGGTTCGCATCCACGGGAGCATGCTGCGCGC
 ACATCGTGCCTGCTGGCAGCCGCGAGCCCTTCTTCCAAGACAAGCTGTGCTGGGCTACAGCGACATC
 GAAATCCCGTCCGTGGTGCCTACAATCGGTGCAAAAGCTCATTGACTTCATGTACAGCCGTGTGCTGA
 GAGTCTCACAGTCGGAAGCTCTGCAGATCCTCACAGCCGCCAGCATCCTGCAGATCAAAACAGTCATAGA
 TGAGTGCCTCGCATCGTGTACAGAAGCTGGGCGATGTGTTCCAGGCATCCAGGATTCTGGCCAGGAC
 ACACCAAGAGGCACACCAGATCAGGCACATCTGGCCAGAGCAGTGACACGGAATCAGGCTACCTGCAGA
 GCCACCCACAGCATAGTGTGGACCGAATCTACTCCGCACTTACGCTGCTCCATGCAGAATGGCAGCGG
 CGAGCGCTCCTTACAGTGGTGCAGTGGTCAGCCACCAGAAACAGCTCTGGCCTGCCCGTGAACAC
 CACATGGAAGACCCTAGCTGGATCACACGATTCATGAGCGCTCCAGCAATGGAGCGCTACCTGTCCA
 CCACCCCTGAGACCAGCACTGCCGGAAGCAGCCCGCCCTGTGCGTATCCAGACCCTGGTGGTAACT
 CCACATCAAGCAGGAAATGGAAGATGACTATGACTACTATGGGCAGCAAAGGGTGCAGATCCTAGAACGC
 AATGAATCCGAGGAGTGACAGAAGACTGACCAAGCAGAGGGCACTGAGAGCGAGCCAAAGGTGAAA
 GCTTTGATTCTGGGGTCACTCCTCCATCGGCACCGAACCTGACTCAGTGGAGCAACAGTTTGGGCGAGC
 AGCCCCAAGGGACGGTCAAGCAGAACCCGCCAACCTGAGCAGGCAGCAGAAGCCCCAGCTGAGAGCAGT
 GCCCAGCCAAACCAGCTAGAACCAGGTGCCTCCTCCTGAGAGAAGCAACGAGTCAGAGATGGACAACA
 CAGTCACTACTGTAGTAACAGTCCGATAAAGGGCTCCTACAGCAGCCTCAGTCAACACATCCATCGG
 GCAGCCATTGCCAAGTACCCAGCTCTATTTACGCCAGACAGAAACCTCACCAGCAACCTGAGGATGCCT
 CTGACCTTGACCAGCAACACAGGTCAATGGCACCGCTGGCAACACCTATCTGCCAGCCCTCTTACTA
 CCCAACCCGCGGGCAGTGGCCCCAAGCCTTTTCTTTCAGCCTGCCGAGCCCTGACAGGCCAGCAGAC
 CCAAGTTTGTGACAGTGTCCCAGCCGGTCTGTCCACCTTTACTGCACAGCTGCCAGCGCCACAGCCCTG
 GCCTCATCTGCAGGCCACAGCACAGCCAGTGGGCAAGGGGACAAAAAGCCTTATGAGTGCCTCTCTGCA
 ACAAGACTTTTACAGCCAAACAGAACTACGTCAAGCACATGTTTCGTACATACAGGTGAGAAGCCCCACCA
 GTGCAGCATCTGCTGGCGCTCCTTCTCCTTGAAGGATTACCTTATCAAGCACATGGTGACGCACACCGGC
 GTGAGAGCGTACCAGTGTAGCATCTGCAACAAGCGCTTACCCAGAAGAGTTCCCTCAACGTGCACATGC
 GCCTGCACCGCGGGGAGAAGTCTATGAGTGTACATCTGCAAAAAGAAGTTCTCCCAAGACCCCTGCT
 GGAGCGACAGTGGCCCTGCACAGTCCAGCAACGGGACCCCTCCGGCAGGCACGCCCCAGGTGCCCGC
 GCGGGTCCGCCAGCGTGGTGGCCTGCACAGAGGGGACCACTTACGTCTGCTCCGTCTGCCAGCAAAGT
 TTGACCAATCGAGCAGTTCAACGACCACATGAGGATGCATGTGTCTGACGGATAAGTAGTACCTTTCTC
 TCTTTCTTACGAACCAAAACAAAACGACAACAAAAGAAATAAACAAGCAAACAAACAGACAAAAGCTATG
 GCACTAGAATTTAAGAAATGTTTTGGTTTCTTTTACTTTTCTGTTTTTGTCTGTTCCGTTTCATTTT
 GTACTACATGAAGAACTGTTTTGCTGCTGGTACATTACATTTCCGGGGCTTGGGTGGATAATACTT
 TTTCCAGTCCCCCTTGGATGGTGGCCTTAAGGCCTGGTAGTGCTTCCAGAGGTCCACTGTTGGATCTCT
 AGTACTGGCCTCTAAATACAACCCTTCTTACAAAAACAAAAACAAACAAACAAAAAAGACAAAA
 AAAAAACAAACAAAAAAGAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_019778
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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	BC056446 , AAH56446
RefSeq Size:	3181 bp
RefSeq ORF:	2226 bp
Locus ID:	56490
UniProt ID:	Q8K0L9
Cytogenetics:	16 28.44 cM
Gene Summary:	<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 (1) represents the longer transcript and encodes the longer isoform (L).</p>