

Product datasheet for **MC220969**

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-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220969 representing NM_019778
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTAGAACGGAAGAAACCCAAGACAGCTGAAAACCAGAAGGCATCTGAGGAGAATGAGATTACTCAGC
 CGGGCGGATCCAGCGCCAAGCCGGCCCTCCCTGCCTGAACTTTGAAGCTGTTTTGTCTCCAGCCCAGC
 CCTCATCCACTCGACACATTCACTGACAACTCTCACGCTCACACCGGGTCATCTGATTGTGACATCAGT
 TGCAAGGGGATGACCGAGCGCATTACAGCATCAACCTTCACAACCTTCAGCAATTCGGTGTGAGACCC
 TCAACGAGCAGCGCAACCGTGGCCACTTCTGTGACGTGACGGTTCGCATCCACGGGAGCATGCTGCGCGC
 ACATCGTGTGCTGGCAGCCGGCAGCCCTTCTTCCAAGACAAGCTGTGCTGGGCTACAGCGACATC
 GAAATCCCGTCCGTGGTGTCCGTACAATCGGTGCAAAAGCTCATTGACTTCATGTACAGCGGTGTGCTGA
 GAGTCTCACAGTCGGAAGCTCTGCAGATCCTCACAGCCGCCAGCATCCTGCAGATCAAAACAGTCATAGA
 TGAGTGCCTCGCATCGTGTACAGAACGTGGGCGATGTGTTCCAGGCATCCAGGATTCGGCCAGGAC
 ACACCAAGAGGCACACCAGATCAGGCACATCTGGCCAGAGCAGTGACACGGAATCAGGCTACCTGCAGA
 GCCACCCACAGCATAGTGTGGACCGAATCTACTCCGCACTCTACGCCCTGCTCCATGCAGAATGGCAGCGG
 CGAGCGCTCCTTCTACAGTGGTGCAGTGGTCAGCCACCACGAAACAGCTCTCGGCCCTGCCCGTGACCAC
 CACATGGAAGACCCTAGCTGGATCACACGCATTATGAGCGCTCCAGCAAAATGGAGCGCTACCTGTCCA
 CCACCCCTGAGACCACGCACTGCCGGAAGCAGCCCGGCCCTGTGCGTATCCAGACCCTGGTGGGTAAACAT
 CCACATCAAGCAGGAAATGGAAGATGACTATGACTACTATGGGCAGCAAAGGGTGCAGATCCTAGAACGC
 AATGAATCCGAGGAGTGACACAGAAGACTGACCAAGCAGAGGGCACTGAGAGCGAGCCAAAGGTGAAA
 GCTTTGATTCTGGGGTCAGCTCCTCCATCGGCACCGAACCTGACTCAGTGGAGCAACAGTTTGGGGCAGC
 AGCCCAAGGGACGGTACGGCAGAACCAGCCCAACCTGAGCAGGCAGCAGAAGCCCAAGCTGAGAGCAGT
 GCCCAGCCAAACCAGCTAGAACCAGGTGCCTCCTCCTGAGAGAAGCAACGAGTCAGAGATGGACAACA
 CAGTCATCACTGTGAGTAACAGCTCCGATAAAGGGCGTCTACAGCAGCCTTCAGTCAACACATCCATCGG
 GCAGCCATTGCCAAGTACCCAGCTCTATTTACGCCAGACAGAAACCCTCACCCAGCAACCTGAGGATGCCT
 CTGACCTTGACCAGCAACACACAGGTATTGGCACCGCTGGCAACACCTATCTGCCAGCCCTTTCACTA
 CCCAACCCGCGGGCAGTGGCCCCAAGCCTTTCTTTTCTTTCAGCCTGCCGAGCCCTGACAGGCCAGCAGAC
 CCAGTTTGTGACAGTGTCCAGCCGGTCTGTCCACCTTACTGCACAGTGCACAGCCACAGCCCTGTG
 GCCTCATCTGCAGGCCACAGCACAGCCAGTGGGCAAGGGCAGAAAAGCCTTATGAGTGCCTCTCTGCA
 ACAAGACTTTCACAGCCAAACAGAACTAGTCAAGCACATGTTCCGTACATACAGGTGAGAAGCCCAACA
 GTGCAGCATCTGCTGGCGCTCCTTCTCCTTGAAGGATTACCTTATCAAGCACATGGTGACGCACACCCGGC
 GTGAGAGCGTACCAGTGTAGCATCTGCAACAAGCGCTTCAACCAGAAGAGTTCCTCAACGTGCACATGC
 GCCTGCACCGGGGAGAAGTCTATGAGTGTACATCTGCAAAAAGAAGTTCTCCCAAGACCCTGCT
 GGAGCGACAGTGGCCCTGCACAGTGCACAGCAACGGGACCCCTCCGGCAGGCACGCCCCAGGTGCCCGC
 GCGGGTCCGCCAGGCGTGGTGGCTGCACAGAGGGGACCCTTACGTCTGCTCCGTCTGCCAGCAAAGT
 TTGACCAAATCGAGCAGTTCAACGACCACATGAGGATGCATGTGTCTGACGGA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

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:	<u>NM_019778.2</u> , <u>NP_062752.2</u>
RefSeq Size:	3156 bp
RefSeq ORF:	2226 bp
Locus ID:	56490
UniProt ID:	<u>Q8K0L9</u>
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>