

Product datasheet for **MC202580**

Zbtb43 (NM_001025594) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zbtb43 (NM_001025594) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zbtb43
Synonyms: 1700010E06Rik; mKIAA0414; Zfp297b
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC043117 sequence for NM_001025594
 GGCGGAAGTTGTCCCGCGGTGGCGGCGAGAATAAGGCCTTGGTACGGCAACGGGGACGCTCCGGTAGG
 CTGGAGCTACGGGCGGAGCCGCTGAAGACTGCTCTTTGATGGCCATGGCATAAAGGAGCATTATCCTG
 GGAATACAGCTTTGCTCTTGGCACTAAACAAGATTGGTGATGAAATGGAGCCTGGAACGAACTCTTTTCA
 AGTAGAGTTTCCAGATTTTTCCAGCACCTTCTGCAGAACTAAACCAGCAGCGCCAGCAAGGACAGTTA
 TGTGACGTCTCCATTGTTGTCCAAGGCCACATTTTCCAGGCGCACAAAGCTGTTCTTGCCGCCAGTTCTC
 CCTACTTTTGTGACCAAGTACTCCTGAAAAACAGTAGGAGAATTGTTTTGCCCGATGTAATGAACCCAAG
 AGTGTGTTGAGAACATTCTTTATTTAGCTACACAGGACGCCTTGTGCATGCCTGCTCCAGAAATTGTTAGT
 TACTTAACAGCGGCCAGCTTCTCCAGATGTGGCACGTGGTGGACAAGTGCACCGAGGTTCTGGAGGGAA
 ACCCCACGGTCTGTGTCAGAAGCTGAACCACGGCAGTGACCACCAGTCTCCAGTAGCAGTAACACAA
 CGGCCTGGTGGAGAGCTTTGAGCTGGGCTCTGGGGGCCACACTGATTTCCCAAAGCCAGGAAGTGA
 GACGGAGAGAATGAAGAGGAGAGCACCAAAGACGAGCTGTCATCTCAGGTCACCGAGCAGAGTATTTGC
 CCAAGTAACTCGTCTACTGAGCACGACCGACTGAGCACAGAGATGGCCAGCCAGGACGGGGAGGGGAC
 CAATGACAGTACTGAGTTCCACTACACCCGGCCTCTGTATAGCAAGCCCAGCATCATGGCTCATAGGCGC
 TGGATCCACGTGAAGCCTGAGCGCTTGGAACAGGCATGGGATGGCATGGATGTTACGCAGCCTACGATG
 AGCACCAGGTCAGTGAATCCGTCAATACCATGCAGACGGATCACTCTGCCAGCCTTCGGGAGCAGAGGA
 GGAGTTCCAAATTGTGAAAAAGAAAGTGGAAAGTAGAGTTTGTAGAGCAAGCAGAAGGCAGCAGCTATGAT
 GAACAGGTGGACTTCTATGGCTCCTCCATGGAAGAGTTCTCTGGAGAAAAGTTGGGTGGGAATCTAATTG
 GACACAAAACAGGAGGCTGCCCTTGCCGACGGCTACAGTGAGAATTTGAAATGGCGATGGGGATAAAGA
 AGAGGCGTCCCACTTAGGATTCTCGGCCACCGACAAGCTGTATCCTTGTGAGTGGGAAAAGTTTACCG
 CACAAAAGTCAGCGAGATCGACACATGAGCATGCACCTCGGTCTTCGCCCGTATGGCTGTAGTGTCTGTG
 GTAAGAAATTCAAAATGAAGCACCATCTCGTGGGCCACATGAAAATTCATACAGGCATAAAGCCCTACGA
 GTGTAATATCTGTGCAAAGAGATTTATGTGGAGGGACAGTTTCCACAGGCATGTGACTTCTTGTACCAAG
 TCCTATGAAGCTGCAAAGGCTGAGCAGAATAACAAGTGGGCTAACTAAAAATAGGGTCTGGCCCTTGAGT
 GGCATGCATAAAAAATAAATATGGTAATTAATGCAAACTGGGCACAGATGATGCGTGCCACTTGCTATT
 ATGAGAGAGGCTTAAAAAAGAGATATTTCTGAAAGACCAGCTCTAAGTAGGCCAATTAAGAGATT
 AATTTCTCAAATCTGTATGTTCTCATCCTGGCCTAAATGGATGATGGGGCTAAGTTCACCCAGTGCCAG



[View online »](#)

```

CTGGCAAGACAGCTCTTCCAGTCAGCAGTGGCTAAGGCAGGGGACTGGGTGGCAGAATCTAACCCAGTCC
TGCCAGGTGGCAGCGGCCGGCTGTCACTGTTGTCTGAGGTCTTGTTCATTTTGTCTCTCTGGTAG
CTACAGGGCTTCTGGGCTTTGCTTTGGTAGCTGCATCTCTGGATGCTGCTCCCCTCAAGGCTACAGCAAG
GACTCCTGGGCTGAGCTGTGAGCAGAGCTCTTTTTTGTCTACTTTTCATACCGTTCTAAAGTTCTAGCT
AAGCCCTGGTGATGTGAGCGGAGCTTCAGAGTCCGAAGCAGGAGACACTGTCACCATGCTGCAGATTCT
GGATAAGGCACGATTTTATGTTAATTCTACTTGGTCAAGTCTATGGGTGCCAGAGATAGGTGTTTCTAG
TTGGTGTGTTGTCTACGCTTCCCTCATTAAATGGCAGGGGAAGACCAGTTTGCAGTGTACACAGCAGCT
GCTGGCTAGCAGTGACCTGTGGCTCCTCTGCCTTAGATCATGGTGTACCCAAAAGGGCAGCCAGGGACC
ACAGCTCCTGAGACTAAGCCAGAATGGATGGCTGAGGGTCTCCAGGAACAAGACGTTCCAGACTCAGT
AAGTGAGAGGCAGCAACTATACACAGAAGGCTTGAGAAAGGAATCCTAAAAACTGGTGTGGACAGTG
CTCAGTTAGAGGGTGGCTGAGCAATATTGTCAGCTCTTGTGGCTTCCAGAGGGGAAGGAGCCCTACAT
TAAGCAACGTCATCTACAGACTCATGTTCCCACTCACAGAGAAAGCTGCATTTACAAGTCCAGTAGTT
TATGCATACACACACCATACATACATACATACATACATACATACATACATACATACATACATACATACAT
CTTGAGGTCTGTTCTGCATGGTCAGATGTTTTAGGTTGGGAAGAAAGCTTAAGCTCAGAAAGCTTTAAGC
CTGTGACGGGCTGAGGCTCCTGTGGGTAGGGTCTGGTGTGCTTTGCGTTACTGGCCAAAGCAGCTTA
GGGAGGAAAAGGTTTATGTCAGCTCACACCACCTCAGTGAGGAACTCCAGGCAGGAAGTTGAACATTG
ACAGTCAAGACTGCTGGCCAGACACGCCACAGGCCACTCCACAGCAGAGACTCCCTCTGGCTCTAGGC
TGTGTGACAGAGACTAGACAGTAGGGCAGGGGTTGCTCCTATATTATCATCTGTTTCATTTTTAAAGT
TTGGCTTTCTCTAACATGACAGACATTTCTGGCAAAAGCCTCTGGTCTTCCAGGCCCTGACACAAAGGATG
TACCTTTGACCTTTGCTGGAAGAGGAAAAGAAAAGAAAATATGGACTCGCCAGTAAATGTTTGTGAT
CAAGATTACAAAACAGGGATCTATTTACAAACTGTATCAGTCTGGCATATAAAAGCACTTTGTATTA
AACCTTTATTATAAGTATAGATGTAGGGTGTTTTTGTTTTAAATCTAGAACTAGGTATTACCTCCTA
GTGGTTTGTCTACATTAGATCTTCCAGTGTCTGCCAGTCAGCAGCCCTGTCCCTGTCCCTGTCCCTGAGA
AGTGAATACAGATGTACAGTACACTCACAGCCTCCTACCTTACAGTATTAGAGGCCAGTGGGTTTCC
GGATGACCCTGAGCTTGGTGAGGATGAAGTGCTTTTGGCTTCTTGTATTTTCTACTGAGGCAGTTAAG
CTGTTCTGTTGTGAGAAGCAACCCTCATGTTTCATGCCTTCTGCCTGCTGGGCAGATCCATGTGCTGTCTC
CCATTGAAGTCTATTCATATAAGAGCTGAGACCTTTCAGGGAAGAGTTTGGGGGTAAAACAAGCCTGG
TCCTTGGGTTGTACTGAGTCAGTAACCTTTGTCAAAGCTGACAAAGCTTTCGTTTCAAGTGGAAATGTGGC
AGACCCTGTGAGAAGGTGGGTTCCACGGTCCAGAAGGCTTCTGACCTGCCTTCCAGTAGAGAGCCT
TTCTGGCAGCCTGCCCTGTAGAGTACCAGCCTCTCCCTCACCCTGCCTTAGGAAATAAATCCTCACC
CTTCCAGAAGAGCCTGACTAGTCTAGTCTGTTGGCAGCACTGCCACCAGTACAATGTATGTCTCCACTCT
GAGCCTTGGCTGTTGTCTCCAGTCCGAGTACAAAGGGCTTCAAGGCCCACTGGTTGCGTTTCTAATC
TGCAGGCACATGCCTTCAATCTGGGATGCACACGTACAGGAGCTCCTCTTGTGCTGTGGTTTACCTTGT
GTTCTCCCGAGCCCTGGCCAGGACCTGGGATTTCTGCTCTCACCACCTCCGCCTACATCTTCAGAGCCT
GCCCTAAAGGCTCCCTTCCATTGAGGAGAGAGGAGTTTCTGAACCACTCTGACCCTGGGCCGCTTTT
AGCTGTTGGGAAAGCTACGTGCTACCGTGGGTGATGTACCCTGAGAAGTTGAACATTCTGGAAAAGGTG
ACTGGGCTGAGTCCCAAGGTGGGGTGGAGCTTGTGTGCCACAGATGTGGTTGTCCCTAAATTC
TCAGATACTTTGAAAATGCTGAGGGCCATAGGCCAGGCTATCCTTGGCCTCCTGGGAACTAGGCTGCTT
GACCGTAAAACCTAACTTTATCCAGAGAATCCTGGGTTGCTTTGGGTTTTGTTTTTCTTTTGTCTCTCT
CTGCTATTTACATATTTAAAGTACTAGTTTGAACCTCTACTGATAGTGCCCTGTGGGAAGATGCTGG
AACACCTTTTGAATGTGATTTTTTTTTTCAATTTTAAATGTTGCTTGAAGCCTGTGTCATGTCAGTTGC
TGCTGCCTCCTTTCTTTTATGAGGGTCCCAATGTTTCTTCCAGAAAGTATTTTATTTATGCAAGTCAG
GTGACTCTTAGACCACAGAACCATGGGATGATAAGCAGATTGTCATTAGGTGCATATCATGGATATTTGT
GAACCACCTGTGTTTTAGAAGTTAAATAGTTCTTTCTAGAATTGCTGTCTTCAAGTGTACAGCGTGGTTTT
AATTGAATGTTACCGTTTAAATATTTTCTTATAGAAGAGACCATGCCTTTTGTATGACAAGTTTTAA
TAAATGTTACCTGTCCATTTTGTACAAAAAAAAAAAAAAAAAAAAA

```

Restriction Sites: Ascl-NotI
ACCN: NM_001025594
Insert Size: 1404 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:	BC043117 , AAH43117
RefSeq Size:	5015 bp
RefSeq ORF:	1404 bp
Locus ID:	71834
UniProt ID:	Q9DAI4
Cytogenetics:	2 B
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 3. The resulting isoform (b) is shorter at the N-terminus compared to isoform a. Variants 2, 4, and 5 all encode the same isoform (b).