

Product datasheet for **MC223930**

Zbtb38 (NM_175537) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb38 (NM_175537) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb38
Synonyms:	A930014K01Rik; CIBZ
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223930 representing NM_175537 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGACAGTCATGTCCCTCTCCAGGGACCTCAAGGACGACTTTACAGTGACACAGTACTCTCCATCTTAA
ATGAGCAGCGCATTTCGGGCATCTTATGTGATGTACCATCATCGTGGAAAGACACCAAGTTAAAGCCCA
CAGCAATGTCTGGCCGCTCAAGTCTTTATTTCAAAAACATCTTTGGAGCCATACGATCTGCATTTCC
AGTCACGTCTTGAGCTGGATGATCTGAAAGCCGAAAGTGTACAGAAATACTTAATTATATCTACAGCT
CTACCGTTGTGGTCAAAAGACAGGAAACCGTCACTGATCTTGCAGCTGCAGGAAAAAGCTGGGAATATC
ATTCTTAGAAGACCTTAGTGACCGCAACTTCTCAAATCCCCAGGTCCTTACGTAGTCTGCATTACTGAA
AAGGGAGTGGTTAAAGAAGAAAAAATGAGAAAAGGCACGAAGAACAGCTGTACTAATGGGCCAAGGA
TCACAAACCGTTTTCCATCATTGAGACGGAAAATAGTAATAACATGTTTTCTCCCCTGGACTTGAGAGC
AAGCTTCAAAAAGGTGTCTGATTCCATGAGGACAGCCAGCCTTTGCCAGGAGAGGCCAGCGTCTGCCAT
GAGGTAGAGCCTGTCCGCACGCTTGTGAGCACTCGTATGCCGTCTCGTCCATCACTGAGGCCACAGGA
GTCAGCCTCCGAGGGAACAGGACAGCAGCTCATCTGCTAAAACAGGAAAAGAACTGGTGATGCTCTTGC
CACAAAAGCGAAGCCATGCCGAAAGCCAAAGCCCAAAACCCAGGATTCTGACTCAACCACAGAAAATATG
CCTACTCTCTAGTAACCTGCCAGAGGTGAATCAAGAAAGAAGCCACAGCCAGCTCCAGATCTGTCAC
ACTCAGAGCCTCCAGCAATGAAGGGATATCCATTTCCAGGGAAGATGAAAATCAGCCCTCTGATGC
TCCGGTCCAGGAGCAGCAGAGGTCCCGCCCTCGTTTATAACTGCAGCTGTTGTTCCAAGTCTTTGAC
AGCAGCAGCTGCTCAGTGCCACATGCAGCTCCACAAGCCGACCCAGGAGCCTTTGTGTGCAAGTACT
GCAACAAGCAGTTCACCACCCTCAACAGACTGGACCGCACGAGCAGATCTGCATGAGGTCTAGCCAGT
GCCATCCAGGAGGAAACCCACGTTCTTGGAAAACACCCACTATTGGTCAAGATGGAACCTTATTTC
AGAAGCCCGGAATCATTAGGGCCAGAAAATAGGATTGGCGAACTATCCAGCGCGGGGAGTGCCTTGTGAG
ACGCGGACCACATGGTGAATTTGTGAACGGGCAGATGCTCTACAGCTGCATCGTGTGCAACAGTATGTA
TGTGACTTTGTCCAGCCTCCGGCGGCATGCAAATGTTCACTCGTGGAGAAGAACATACCTTGTCCATTAC
TGCAACAAGGTCTTTGCGCTGGCTGAGTACAGGACCGCAGATGAAATCTGGCACACTGGGGAGAGGCGGT



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ACCAGTGCATTTTCTGTCTTGAACTTTTATGACCTACTACATACTAAAAACCATCAGAAGTCCTTTCA
 TGCCATAGATCACAGACTCTCCATCAATAAAAAACAGCGAACGGAGGCTTGAAGCCTACTGTCTATCCA
 TACAACTTTACAGGCTCTTGCCATGAGATGCAAGAGGGCACCTTATAAGAGCTACCGAATTCTTCT
 ATGTAAGTGCTCAAGGAAGCAGTCAAAGGGGTGAATCTGCCCCGATACGTTTCATCGTCCGAATCTGCA
 AAGCTCTGAAATGCCACACTGGACTTCCAAGATGGCAGAAACACGTTGCCAGCAGCCCTGCCGTGCCA
 GTGAAACACCTTCACGGCAGGGCGCACCCACTTCTGCCAGAGTAAAAATGCAGAAGGCATCAAATGGA
 GGAAGCAGGCAGTAAAACCAATCTCGTCGATAACTTCGATTTCACTGAGGTGTCAAGTTCTTCCACTGG
 AAACACCGTCAGCGCCACCTACAGACAGAGCCCGCATGTGTTTCATCTGTGGGCAAAGGCAGTGAGCAC
 TCGGCCTCTGTGATCAGCTACAGCGGCTCGGTGCCCTCCGTCATTGTGCACAGCAGCCAGTTCTCGTCGG
 TGATCAAGCACAGCAACACCATCGCTAGCCTGACCAACAGCAACCACAAGTCCCCTTACAAACCGGTGGT
 CAGCCCGTCCCTGATCAAGGACAGCAAGCCGAGACAGATAAAGCCAGTAAACCTGCAAGCAGACCCAAA
 AGCATTAAAGGAGAAAAAGAACTGCTCCGAGTAAACAGGGGAGAAATAACAGAGGAGGCAAAATATATTG
 CTGATCACGGAGGGTCTTCAGGCAAAACCACAAACGCTGAAGAAACCAGTAAGATTGAACTTATATCGC
 AAAACCTGCTCTGCCCGTACCTCCACAATAGCAATGTTGCACCCCTTTGCCAGATAACAGTAAAAATT
 GGAACGAAGCCATCGTAAAAGGCATATCCTTGGGTCTAAGCTGTTTTACAAAAGAGGGAGAAAACCTA
 AGTATCAAATGCAGGAAGAGACTGCCTCGGAGAAATGACCCAGAAACCCCTGGGGACAGCCCCCTTGG
 GCTTTGCCAGGCTGAATGTGTAGAGATGAGTGAAGCATTGATGAAGTGAAGTACCAGGACTCCACTGAT
 AAGCCGTGGCGCCATACTACAACACAAACCAAGAAGAAATCCAAACAGCTGAGAAAAATGAGGAAAG
 TCAAAATGGAGGAAGGAACGCAGGAGCAGAAAGCCCGTCCGCGGTGCAGATACCCAGCCGAAGTGGATCG
 TGCAGAGGTGAAACTGCCCCAGATAAAGCCTTCAAGAAGAAGAAGAAGAAGAAGAAATAAAGAGATG
 CCCAAGCTGCAGTGTGAGCTCTGTGATGGCTGCCCTGATGGGGCAGCAGGGGCGGGAGCCGAAGGCAAGC
 CCCACCAGCATCTCACTTCAAGCCTTACATCTGCGAGCTCTGTGCAAAGCAGTCCAGAGCTCCTCCAC
 ACTCAAGATGCACATGAGATGCCACACTGGAGAAAAGCCGTATCAGTGAAGACCTGTGGGCGGTCTTC
 TCGGTGCAGGGGAACCTACAGAAGCACGAGCGCATACACCTGGGCGTGAAGGAGTTCATCTGTCACTATT
 GTAACAAGGCATTCACTCAACGAGACGCTCAAGATCCACGAGAGAATCCACACTGGGGAGAAGCGCTA
 CCACTGTCACTTCTGCTTTCAGGGTTTCTGTATCTCTCCACAAACGGAACCACGAGCGGAGGCACATC
 CGGGAGCATGATGGGAAAGGCTTTGCTTGTCTCCAGTCCCCAAAATATGCAAAACAGCTGCTGCCCTCA
 GAATGCACCAAAAGAACTTATACAAGACCTTACCTAAGCAAGAGGAAACAGGCGACAGTGCACGA
 GAACGCGGATCTCTTGGAAAGTCAGCTTTCAGCTGATTCGAAGACAGCGAACAAAGGATGACATAAAA
 GCCTTTGCTGAAAACGTCCTTGA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_175537

Insert Size:

3594 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:

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: NM_175537.3, NP_780746.2

RefSeq Size: 4091 bp

RefSeq ORF: 3594 bp

Locus ID: 245007

Cytogenetics: 9 E3.3