

Product datasheet for **MC228053**

Zbtb34 (NM_001276332) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb34 (NM_001276332) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb34
Synonyms:	Gm349; mKIAA1993
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228053 representing NM_001276332
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACAACAGCAGTTTCATTCACTTTGATGTGCCTGAGCACAGCAGCACGGTTCTGAGCCAACTAAATG
 AGCTCCGCCTGCAAGGAAGCTATGTGACATCATCGTCCACATTCAGGGTCAGCCCTCCGAGCCACAA
 AGCCGTCCTCGCAGCCAGCTCCCGTATTTCCGGGACCATTTCAGCACTGAGCACTATGAGTGGCTTGTCTG
 ATCTCTGTGATTAAGAACCCAGCGTGTGGAGCAGTTGCTCTCCTTCTGTTACACTGGAAGGATGTCTT
 TGCAGCTGAAGGATGTTGTCACTTTTCTGACCGCAGCCAGCTTTCTTCAGATGCAGTGTTCATTGACAA
 GTGCACACAGATCCTAGAGAGCATCCACTCGAAGATCAGCGTGGGAGACGTTGACTCTGTTACCATTGGT
 GCTGAAGAGAATCCTGAGAGCCGAAATGGGGTAAAGATGGCAGCTTCTCACCAATCCTGTTGAAATCT
 CCCCTCCGACTGCCCTCAGGTACGGCAGCCTCCAGTCAGCAGTGTCTCGGATGGAGACAACCCCAA
 CAAAGCCCTTCGGAGCCGTTGCAGGAAGAGGGGCACTCAGATCGGGGAGCAGTGGGAGCGTGTCTGAG
 TATGAGATTCAGATAGAAGGGGACCACGAGCAAGGGGACTTGTTGGTGAAGAGAGCCAGATCACTGAGG
 TGAAAGTGAAGATGGAGAAGTCTGACCGGCCAGCTGCTCCGACAGCTCTCCCTGGGTGATGACGGCTA
 CCACACGGAGATGGTTGATGGGGAACAAGTTGTGGCCGTGAATGTGGCGCCTATGGCTCTGTGCTCCAG
 CATGCATACCCCTACTCCAGACGGCTTCACAGCCTTCCAGTGTGCCAGAAGCTTTGGAGGTCAGACCA
 ATTCCAGTCCATCCAGGTCCATGCTGAGCTGCTCCGAGGCCGTGGGGCCCGCAGAAGCGAGCTGTCTGTC
 TGTTACCTGCACAGTACCTGCAGGGTGTGGTGCAGGGGTCTGACAGTGAAGCCATGATGAACAATCCC
 GGTTATGAGAGCAGTCCCGGGAGAGGAGCGCCAGGGGTATTGGTACCCATAACAACGAGAGGTTGATCT
 GTATTTACTGTGGGAAGTCTTTAACCAGAAGGGAAGCCTCGACAGGCACATGCGGCTGCATATGGGGAT
 CACCCCTTTGTGTGCAAGTTCTGTGGGAAGAAGTACACGCGCAAGGACCAGCTGGAGTATCACATCCGG
 GGCCACACTGATGACAAACCATTCCGATGCGAGGTCTGTGGGAAGTCTTTCCATTCCAGGGTACCTCA
 ACCAGCACCTGCGGAAAAACCACCCGGGGTACCAGGAGGAGGGTTCGCATGGAGTCCCCCGAAAGAAC
 AGACATGTATGTGGAACAGAACTCGAAAGTGTGCATCAGCCTCAGAGATGGCACTAGATTCCCGCCTG
 GAAATGCACACAGTGTCTGATGCGCCTGACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001276332
- Insert Size:** 1503 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001276332.1](#), [NP_001263261.1](#)

RefSeq Size: 6482 bp

RefSeq ORF: 1503 bp

Locus ID: 241311

Cytogenetics: 2 B