

## Product datasheet for **MR221311**

### Zbtb34 (NM\_001085507) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb34 (NM_001085507) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zbtb34
Synonyms:	Gm349; mKIAA1993
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR221311 representing NM\_001085507  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAAGCACCTGGAAGAATGCAATTCAAGATTACGTTTCGTGTCGGGAGAAATGGACAACAGCAGTT  
 TCATTCAGTTTGTGTGCTGAGCACAGCAGCAGGTTCTGAGCCAATAAATGAGCTCCGCTGCAAGG  
 GAAGCTATGTGACATCATCGTCCACATTAGGGTCAGCCCTCCGAGCCACAAAGCCGCTCTCGAGCC  
 AGCTCCCCGATTTCCGGGACCATTAGCACTGAGCACTATGAGTGGCTTGTGATCTCTGTGATTAAGA  
 ACCCCAGCGTGTGAGCAGTTGCTCTCCTTCTGTTACTGGAAGGATGTCCTTGACAGTGAAGGATGT  
 TGTGAGTTTTCTGACCGCAGCCAGCTTTCTTCCAGATGCAGTGTGTCATTGACAAGTGCACACAGATCCTA  
 GAGAGCATCCACTCGAAGATCAGCGTGGGAGACGTTGACTCTGTTACCATTGGTGTGAAGAGAATCCTG  
 AGAGCCGAAATGGGGTAAAAGATGGCAGCTTCTCACCAATCCTGTTGAAATCTCCCTCCGTAAGTCCC  
 TCAGGTACGGCAGCCTCCAGTCAGCAGTGTCTCGGATGGAGACAACCCCAACAAAGCCCTTCGGAGC  
 CGCTTGCAGGAAGAGGGGCACTCAGATCGGGGAGCAGTGGGAGCGTGTCTGAGTATGAGATTCAGATAG  
 AAGGGGACCACGAGCAAGGGGACTTGTGGTGAGAGAGGCCAGATCACTGAGGTGAAAGTGAAGATGGA  
 GAAGTCTGACCGCCAGCTGCTCCGACAGCTTCCCTGGGTGATGACGGCTACCACACGGAGATGGTT  
 GATGGGAAACAAGTTGTGGCCGTGAATGTGGGCGCCTATGGCTCTGTGCTCCAGCATGCATACCCCTACT  
 CCCAGACGGCTTACAGCCTTCCAGTGTCCAGAAGCTTTTGGAGGTGAGACCAATCCAGTCCATCCAG  
 GTCATGCTGAGCTGCTCCGAGGCCGTGGGGCCCGCAGAAGCGAGCTCTGTCTGTTCACTGCACAGT  
 GCCCTGCAGGGTGTGGTGCAGGGGTCTGACAGTGAAGCCATGATGAACAATCCCGTTATGAGAGCAGTC  
 CCCGGGAGAGAGCGCCAGGGGATTTGGTACCACATAACAACGAGAGTTGATCTGATTTACTGTGGGAA  
 GTCTTTAACCAGAAGGGAAGCCTCGACAGGCACATGCGGCTGCATATGGGGATCACCCCTTTGTGTGC  
 AAGTTCTGTGGGAAGAAGTACACGCGCAAGGACCAGCTGGAGTATCACATCCGGGCCCACACTGATGACA  
 AACATTCCGATGCGAGGTCTGTGGGAAGTGTCTTCCATTCCAGGGTACCCTCAACCAGCACCTGCGGAA  
 AAACCACCGGGGTACCCGAAGGCAGGGTTCGCATGGAGTCCCCGAAAGAACAGACATGTATGTGGAA  
 CAGAACTCGAAAGTGTGCATCAGCCTCAGAGATGGCACTAGATTCCCGCTGGAATGCACACAGTGT  
 CTGATGCGCTGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR221311 representing NM\_001085507  
 Red=Cloning site Green=Tags(s)

MESTLEECNSRLRFVSGEMDNSSFIQFDVPEHSSTVLSQLNELRLQGKLCDIIVHIQGPFRHAKAVLAA  
 SSPYFRDHSALSTMSGLSISVIKNPSVFEQLLSFCYTGRMSLQLKDVVSFLTAASFLQMVCVIDKCTQIL  
 ESIHSKIISVGDVDSVTIGAEENPESRNGVKDGSFFTNPVEISPPYCPQVRQPPVSSDLRMTTPNKALRS  
 RLQEEGHSRDRGSSGSVSEYEQIEGDHEQDILLVRESQITEVKVMEKSDRPSDSSSLGDDGYHTEMV  
 DGEQVVAVNVGAYGSLVQHAYPYSQTASQPSSVPEAFGGQTNSSPSRMLSCFRGRGARQKRALSVHLHS  
 DLQGVVQGSDEAMNPNPYESSPRERSARGYWPYNERLICIYCGKSFNQKGS�DRHMLHMGITPFVC  
 KFCGKKYTRKDQLEYHIRGHTDDKPFRCVCGKCFPFQGTNLNQLRKNHPGVTEGRGRMESPERTDMYVE  
 QKLESDASASEMALDSRLEMHTVSDAPD

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9082\\_d11.zip](https://cdn.origene.com/chromatograms/mm9082_d11.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001085507

**ORF Size:** 1554 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001085507.1](#), [NP\\_001078976.1](#)

**RefSeq Size:** 6602 bp

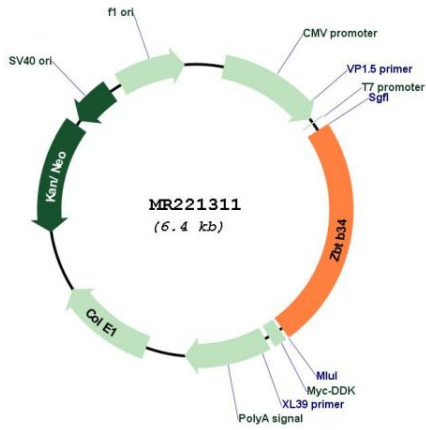
**RefSeq ORF:** 1557 bp

**Locus ID:** 241311

**Cytogenetics:** 2 B

**MW:** 57.7 kDa

Product images:



Circular map for MR221311