

## Product datasheet for **RC224772**

### ZBTB11 (NM\_014415) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB11 (NM_014415) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZBTB11
Synonyms:	MRT69; ZNF-U69274; ZNF913
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC224772 representing NM_014415 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCAAGCGAGGAAAGCTACCGGGCCATCCTGCGTTACCTGACGAACGAGCGGAGCCGTATGCGCCGG  
GCACCGAGGGCAATGTCAAGCGTAAAATCCGAAAAGCTGCCGCCTGTACGTGGTGC GCGGGGACTCT  
GTATTACCAGCGCGGCAGCGGCACCGCAAGACCTTCGCGGAGCTGGAGGTGGTGTGCAGCCGGAGCGA  
CGCCGGGACCTCATCGAGGCGGCGCACCTGGGTCCGCGGCGCACTCACCACCCGGCATCAGACCTGCC  
ACTACTTGTCCAAGACGTACTGGTGCGGAGGTATATTGAAGCAAGTCAAAGATTACATTAACAGTGTAG  
CAAATGCCAGGAGAACTAGATCGATCCCGTCCAATATCAGATGTTTCAGAAATGTTGGAAGAATTGGGA  
CTAGACCTTGAATCTGGAGAAGAAAGTAATGAATCGGAAGATGACCTGAGCAACTTTACTTCATCTCCAA  
CTACAGCATCCAAGCCTGCAAAAAAGAAGCCAGTATCCAACATGAACTTGTGTTTGTGACACCAAAGG  
AGTGGTAAAACGTTCTTCTCCAAAACATTTGTCAGGCTGTCTTAAAACAGCTGAACGAACAGAGACTTTCC  
AACCAGTTCTGTGATGTTACTTTGTTAATTGAAGGAGAAGAGTACAAAGCTCATAAATCTGTTTTGTGAG  
CAAATAGCGAGTATTTTCGAGATCTTTTTATTGAGAAAGGAGCTGTTCCAGTCATGAGGCTGTGGTGGA  
TCTTTCTGGTTTTGTAAAGGCCAGCTTCCTTCTTTACTGGAATTTGCCTATACTTCTGTACTAAGTTTT  
GATTTCTGTAGCATGGCTGATGTAGCCATCTTAGCTCGTACTTTTCATGTCAGAAGTCTTAGAGATTT  
GTGAAAGTGTACATAAGCTAATGGAAGAGAAGCAGCTAACAGTATAAGAAGGGCGAAGTACAAACAGT  
TGATCCACCCAGGACTTACGAGTACAGAATGGAGGTACAGCACCTCCTGTTGCTAGCAGTGAGGGAACC  
ACAACAAGTTTACCTACTGAACTTGGGGATTGTGAAATTGACTACTGGTAAATGGAGAATTGCCAGAAG  
CTGAGCAGAAATGGAGAGGTAGGACGACAGCCTGAGCCCCAGGTTTCTTCAGAGGCTGAATCTGCCCTGTC  
ATCAGTAGGATGTATAGCTGATTCCTCCTGAAATGGAGTCTGTTGATTTAATAACAAAAACAACCAG  
ACAGAACTAGAACTTCAAACAACAGAGAAAATAACACAGTTTCTAATATACACCCTAACTTTCAAAG  
AGAATGTAATTAGTAGCTCGCCAGAGGATAGTGGTATGGGAAATGATATATCAGCTGAGGATATTTGTGC  
CGAAGACATTCAAAACATAGGCAGAAAGTTGACCAACCTTTAAAAGATCAGGAAATCTAGTTGCATCA



[View online >](#)

ACAGCAAAGACAGACTTTGGCCCTGATGATGATACTTATAGAAGCAGGCTTCGACAACGTTCTGTTAATG  
 AAGGGGCATATATTCGACTACACAAGGGAATGGAGAAAAAGCTGCAGAAACGGAAAGCCGTTCCCAAGTC  
 AGCAGTTCAACAGGTGGCTCAGAAGTTAGTTCAAAGAGGAAAAAGATGAAACAGCCAAAAAGAGATGCT  
 AAAGAGAACACAGAAGAAGCATCTATAAATGTGGGAATGTGGAATGGTTTTTCAGAGACGATACGCC  
 TTATAATGCACAACTGAAACATGAAAGAGCTAGAGATTACAAATGTCCATTGTGTAATAAACAGTTTCA  
 GTACAGTGCCTCTTTGCGAGCACATCTTATTCGTCATACCAGAAAAGATGCACCCCTTTCATCCTCGTCC  
 AATTCCACGTCTAATGAAGCATCGGGAACATCATCTGAGAAGGGCAGAACCAAGCGGGAATTTATATGTT  
 CCATATGTGGAAGAACATTACCTAAATTATATTCTCTCGAATACATATGTTAAAGCACACAGGTGTA  
 GCCACATGCATGCCAGGTCTGTGGAAGACTTTTTATCTATAAGCATGGTCTAAAATTACATCAGAGTCTT  
 CATCAATCACAGAAGCAGTTCAGTGTGAAGTGTGTTAAGTCAATTTGTACCAAACGGAGTCTTCAAG  
 AACATATGAGTATTCACACAGGAGAGTCCAAGTACCTTTGCTCAGTTTGTGGAAGTCTTTTCATAGGGG  
 CTCTGGACTCAGCAAGCACTTCAAGAAACCAACCAAGCCTGAGGTTGAGGCTATCATTGTACTCAA  
 TGTGAAAAAGTTTCTTTGAAGCTAGAGATCTTCGCCAGCACATGAACAAACATCTTGGTGTGAAGCCAT  
 TCCAGTGCCAATTTTGTGATAAGTCTATAGTTGGAAGAAAGATTGGTATCCCATGTGAAGTCTCATT  
 TGTCACTGAGCCTTATAGGTGTAATATATGTGGCAAAGAATTTTATGAAAAAGCTTTGTTGAGAAGCAT  
 GTAAGAAAGCTACCCATGGGAAGAAAGGAAAGAGCAAAGCAAACCTGGAACGGGTGTGTAATAATGTG  
 GAAGAAAATTCAGTACAGTAAGAGAGTATAGGAGACACATGAACAACCATGAAGGAGTTAAGCCATTTGA  
 GTGCTTAACATGTGGAGTAGCTTGGGCTGATGCCCGATCTCTAAAACGCCATGTCAGAACACATACTGGT  
 GAACGGCCCTATGTCTGCCTGTATGTAGCGAAGCCTACATAGATGCTCGAACACTCCGTAACATATGA  
 CTAATTCACAGAGACTATGTGCCTTGCAAAATTATGCTGAAAAAGACACCCTTCAGTTTCATAACCA  
 AGGAACCAAGTGGCACATGCTGTTAGCATCTTAACAGCAGGCATGCAGGAACAAGAAAGCAGTGGTCT  
 CAAGAACCTGAGACTGTGGTAGTGACAGGAGAACTATGGAAGCTCTGGAAGCTGTTGCAGCTACTGAAG  
 AGTATCCATCGGTATCTACACTTCTGACCAAAGTATTATGCAAGTGGTTAATTATGTATTAGCACAA  
 CAAGGACAGAAGCTATCTGAAGTTGCAGAAGCTATCAAACCTGTTAAAGTAGAGGTAGCACATATTTCA  
 GGAGGAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC224772 representing NM\_014415

Red=Cloning site Green=Tags(s)

MSSEESYRAILRYLTNEREPYAPGTEGNVKKIRKAAACYVVRGGTLYYQRRQRHRKTFAELEVLQPER  
 RRDLEAAHLGPGGTHHTRHQTWHYLSKTYWWRGILKQVKDYIKQCSKCQEKLDLRSRPI SDVSEMLEELG  
 LDLESGEESNESEDDL SNFTSSPTTASPKAKKPVSKHEL VFDTKGVVRRSSPKHCQAVLKQLNEQRLS  
 NQFCDVTLLEEGEYKAHKSVL SANSEYFRDLF IEKGAVSSHEAVVDLSGFCKASFLPLLEFAYTSVLSF  
 DFCSMADVAILARHLMSEVLEICESVHKLMEEKQLTVYKKGVEQTVASTQDLRVQNGGTAPPVASSEGT  
 TTSLPTELDGCEIVLLVNGELPEAEQNGEVGRQPEPQVSSEAESALSSVGC IADSHPEMESVDLITKNNQ  
 TELETSNNRENNTVSNIHPLSKENVISSPEDSGMNDISAEDICAEDIPKHRQKVDQPLKDQENLVA  
 TAKTDFGPDDDTYRSRLRQRSVNEGAYIRLHKGMEKQLQKRKAVPKSAVQQAQKLVQRGKMKQPKRDA  
 KENTEEASHKCGECGMVFQRRYALIMHKLKHERARDYKCPCKKQFQYSASLRAHLIRHTRKDAPSSSS  
 NSTSNEASGTSSEKGRTKREFICSI CGRTL P KLYSLRIHMLKHTGVKPHACQVCGKTFIYKHGLKLHQS  
 L HQSQKQFQCELCVKSFVTKRSLQEHSIHTGESKYLCSVCGKSFHRGSGLSKHFKKHQPKPEVRGYHCTQ  
 CEKSFFEARDLRQHMKHLGVKPFQCFCDKCYSWKKDWYSHVKSHSVTEPYRCNICGKEFYEKALFRRH  
 VKKATHGKGRAKQNLERVCEKGRKFTQLREYRRHMNNHEGVKPFCELCGVAWADARSLKRHRVTHTG  
 ERPYVPCVSEAYIDARTLRKHMTKFRDYVPCKIMLEKDTLQFHNQGTQVAHAVSILTAGMQEQUSSGP  
 QELETVVVVTGETMEALEAVAATEEYPSVSTLSDQSIMQVNYVLAQQQGQKLSEVAEAIQTVKVEVAHIS  
 GGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8117\\_a05.zip](https://cdn.origene.com/chromatograms/mk8117_a05.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_014415

**ORF Size:** 3159 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\\_014415.4](#)

**RefSeq Size:** 5132 bp

**RefSeq ORF:** 3162 bp

**Locus ID:** 27107

**UniProt ID:** [O95625](#)

**Cytogenetics:** 3q12.3

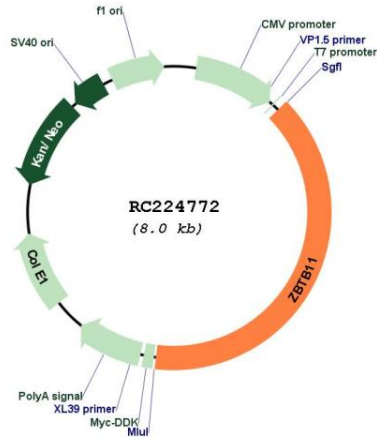
**Domains:** BTB, zf-C2H2

**Protein Families:** Transcription Factors

**MW:** 119.4 kDa

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC224772