

Product datasheet for **RC214363**

ZBTB34 (NM_001099270) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB34 (NM_001099270) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZBTB34
Synonyms:	ZNF918
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC214363 representing NM_001099270
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACAGCAGCAGTTTTATTTCAGTTTGTGTGCCGAGTACAGCAGCACCGTTCTGAGCCAGCTAAACG
 AACTCCGCCTGCAGGGAACTATGTGACATCATTGTACACATTCAGGGTCAGCCATTCCGAGCCACAA
 AGCAGTCTTGCTGCCAGCTCCCATATTTCCGGGACCATTTCAGCGTTAAGTACCATGAGTGGCTTGCA
 ATATCAGTGATAAAAATCCCAATGTGTTTGTGAGCAGTTGCTTTCTTTTGTACTGGAAGAATGCTCT
 TGCAGCTGAAGGATGTTGTGAGTTTCTGACTGCAGCCAGCTTTCTTCAGATGCAGTGTTCATTGACAA
 GTGCACGCAGATCCTAGAGAGCATCCATTCCAAAATCAGCGTTGGAGATGTTGACTCTGTTACCGTCGGT
 GCTGAAGAGAATCCCGAGAGTCGAAACGGAGTGAAGACAGCAGCTTCTTCCAAACCCAGTGGAGATCT
 CTCTCCATATTGCTCTCAGGGACGGCAGCCACCGAAGCAGTGACCTCCGGATGGAGACGACCCCGAG
 CAAAGCTTTGCGCAGCCGTTACAGGAGGAGGGCACTCAGACCGGGGAGCAGTGGGAGCGTTTCTGAA
 TATGAGATTTCAGATAGAGGGAGACCATGAGCAAGGAGACCTATTGGTGGAGGAGGCCAGATCACCGAGG
 TGAAGTGAAGATGGAGAAGTCCGACCGCCAGCTGTTCCGACAGCTCCTCCCTGGGTGACGATGGGTA
 CCACACCGAGATGGTTGATGGGGAACAAGTTGTGGCAGTGAATGTGGCTCCTATGGTTCTGTGCTCCAG
 CACGCATACTCCTATCCCAAGCAGCCTCACAGCCAACCAATGTATCAGAAGCTTTTGAAGTTTGAGTA
 ATTCCAGCCATCCAGGTCCATGCTGAGCTGTTCCGAGGAGGGCGTGCCCGCCAGAAGCGGGCTTTGTC
 TGTCCACCTGCACAGTACCTGCAGGGCCTGGTGCAGGGCTCTGACAGTGAAGCCATGATGAACAACCC
 GGGTATGAGAGCAGTCCCGGGAGAGGAGTCCGAGAGGGCATTGGTACCCGTACAATGAGAGTTGATCT
 GTATTTACTGTGAAAGTCTTTCAACCAGAAAGGAAAGCTTGTAGGCACATGCGACTCCATATGGAAAT
 CACCCCTTTGTGTGCAAGTTCTGTGGGAAGAAGTACACACGGAAGGACCAACTGGAGTACCACATCCGG
 GGCCATACAGATGATAAAACCATTCCGCTGTGAGATCTGCGGGAAGTCTTTCCATTCCAAGTACCTCA
 ACCAGCACTTGCAGAAAACCACCCAGGCGTTGCTGAAGTCAAGGAGTCCGATTGAGTCCCGGAGAGAAC
 AGATGTGTACGTGGAACAGAACTAGAAAATGACGCATCGGCCTCAGAGATGGGCCTAGATTCCCGGATG
 GAAATTCACACAGTGTCTGATGCTCCCGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214363 representing NM_001099270
 Red=Cloning site Green=Tags(s)

MDSSSF IQFDVPEYSSTVLSQLNELRLQGLCDIIVHIQGPFRHAKAVLAASSPYFRDHSALSTMSGLS
 ISVIKPNVFEQLLSFCYTGRMSLQLKDVVSFLTAASF LQMOCVIDKCTQILESIIHSKISVGDVDSVTVG
 AEENPESRNGVKDSSFFANPVEISPPYCSQGRQPTASSDLRMETTPSKALRSRLQEEGHSDRGSSGSVSE
 YEIQIEGDHEQGDLLVRESQITEVKVMEKSDRPSGSDSSSLGDDGYHTEMVDGEQVAVNVGSGSVLQ
 HAYSYSQAASQPTNVSEAFGSLNSSPSRSMSCFRGGRARQKRALSVHLHSDLQGLVQGSSEAMMNP
 GYESSPRERSARGHWYPYNERLICIYCGKSFNQKGLDRHMLHMGITPFVCKFCGKKYTRKDQLEYHIR
 GHTDDKPFRCIECGKCFPFQGTNLNQHRLRKNHPGVAEVRSRIESPERTDVYVEQKLENDASASEMGLDSRM
 EIHTVSDAPD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8030_e11.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001099270

ORF Size: 1500 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_001099270.2](#)

RefSeq Size: 6577 bp

RefSeq ORF: 1503 bp

Locus ID: 403341

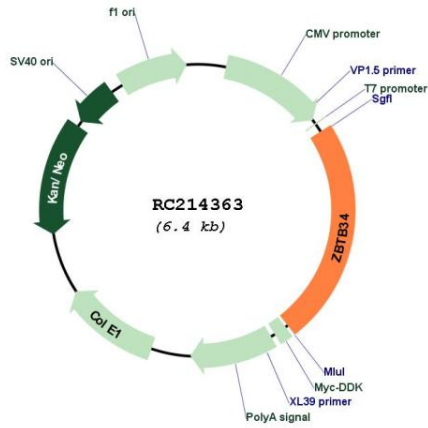
UniProt ID: [Q8NCN2](#)

Cytogenetics: 9q33.3

MW: 55.4 kDa

Gene Summary: May be a transcriptional repressor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC214363