

Product datasheet for **RN214719**

Zbtb18 (NM_022678) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb18 (NM_022678) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb18
Synonyms:	Rp58; Zbtb18; Zfp238; Znf238
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214719 representing NM_022678
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGAGTTCCAGACCACAGCAGACATTTGCTGCAGTGTCTGAGCGAGCAGAGGCCACAGGGCTTTCTTT
 GTGACTGCACTGTTCTGGTGGGAGATGCCAGTTCGGGGCACACCGAGCTGTACTGGCTTCATGCAGCAT
 GTATTTCCACCTCTTTTACAAGGACCAGCTGGACAAAAGAGACATTGTTTCATCTGAACAGCGACATTGTG
 ACAGCCCCCGCTTTCGCTCTCCTGCTTGAATTCATGTACGAAGGAACTCCAGTTCAAAGACTTGCCCA
 TTGAGGACGTGCTAGCAGCTGCCAGTTATCTCCACATGTATGACATTGTCAAAGTCTGAAAAAGAAGCT
 GAAAGAGAAAGCTACCACAGAGGACAGCAGCACCACAAAAAGAAGAAGATGCTTCAAGTTGTTGGGATAAA
 GTCGAGAGCCTCTCGGACGGCAGCAGCCACATGGCAGGTGATCTGCCAGTGATGAAGACGAAGGCGAAG
 ATGACAAATTGAACATTCTACCCAGCAAAAGGACTTGGCAGCTGAGCCTGGGAACATGTGGATGCGATT
 GCCCTCAGACGCAGCAGGCATCCCCAGGCTGGCGGAGAGGCCGACCCACAGCCACAGCAGCTGAAAA
 ACAGTAGCCAGCCCTGCAGCTCAACAGAGTCTTTGTCCAGAGGTCTGTACCTCCGTGAGGGATTCTGG
 CAGATGTTGACTGTGTGCTGGACCTGTCTCAAGTCCAGCCTTCAGGAGTTGAAAATCTGAACAGCTC
 TTATTTCTCTTACAGGACGTGCTGAGAGGTAACCTGGTGCAGGTGAAGGTGGAGAAAGAGGCATCCTGT
 GATGAGAGTGATGTTGGCACTAATGACTATGACATGGAACATAGCACTGTGAAAGAGAGTGTGAGCGCTA
 ACAACAGGGTACAGTATGAGCCGGCCACCTGGCTCCTCTGAGGGAGGACTCGGTCTTAAGGGAGCTGGA
 TCGGGAGGACAAAGCCAGCGACGATGAGATGATGACCCAGAGAGCGAGCGGGTGCAGGTGGAAGGAGGC
 ATGGAGAGCAGTCTGCTTCCCTATGTCTCAATATCCTGAGCCCCGCGGGCCAGATCTTCATGTGCCCC
 TGTGCAACAAAGTCTTCCCCAGCCCCACATCCTGCAGATCCACTGAGCACGCACTTCCGCGAGCAGGA
 TGGCATCCGACAGCAAGCCTGCCGCGATGTCAATGTGCCACGTGCTCTGTGTGGGAAGACTTTCTCC
 TGCATGTACACCCTCAAGCGCCACGAGAGGACTCACTCAGGGGAGAAGCCCTACAGTGCACCCAGTGCG
 GCAAGAGTTTCCAGTACTCACACAACCTGAGCCGCCACGCCGTGGTGCACACCCGTGAGAAGCCCCATGC
 CTGCAAGTGGTGCAGCGCAGGTTACGCAGTCCGGAGACCTGTACAGACACATCCGCAAGTTCCACTGT
 GAGTTGGTGAACCTTTGTGGTCAAAGTGAAGCACTGAGCTTGCCCACTGTGAGAGCTGGACCTTAG
 AAGATAGCTCTCAAGAACTTTGGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_022678

Insert Size: 1569 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:	<u>NM_022678.1, NP_073169.1</u>
RefSeq Size:	1569 bp
RefSeq ORF:	1569 bp
Locus ID:	64619
UniProt ID:	<u>Q9JKY3</u>
Cytogenetics:	13q25
Gene Summary:	mouse homolog is a sequence-specific transcriptional repressor [RGD, Feb 2006]