

Product datasheet for **RN214134**

Zbtb22 (NM_001009172) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb22 (NM_001009172) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb22
Synonyms:	Bing1; Zfp297; Znf297
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214134 representing NM_001009172
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCCATCTCCTATGTCACCCAGTGGGGCCACACTCCCACTGCCTCTGTCACTGGTCCACCACCAC
 TGCTCTGCCGGCAGCTGCAGTGGTACACGTGTCTTCCCTGAGGTGACCAGTGCCCTCCTGGAGTCCCT
 CAACCAGCAGCGCTCCAGGGTCACTCTGCGATGTGTCTATCCGCGTGCAGGGACGGGAGTTCCTGTCT
 CACAGGGCGTCTTGGCTGCCTCCTCTCCTTACTTCCACGACCAGGTCTACTCAAAGGCATGACTTCCA
 TCTCACTGCCAGCGTATGGACCCAGGCGCTTTGAGACTGTCTGGCCTCAGCGTACACGGGCGCCCT
 CAGCATGGCTGCTGCGGACATTGTCAACTTCTCACAGTGGGGTCCGTCCTCCAGATGTGGCACATTGTG
 GATAAGTGCAGTGAACCTCTCGGGAGGGTCGATCTTCAGCCGCTACTACCACTGTCAGTGTGTCAG
 CCCCTCTGTCTGTCCCTTGTCCAGTGTCCATCAGGGAGCGGGGACCGTTGCCCTGCCACTGT
 AGGCTCTGTACGTTCCCATACCTCCAGCCGGGCCAGTGAAGTCACTCTCCAGCAGTAGCAACTACTTC
 AGCCCCGGGAGTGCAGTATTTCTCCTTCTCCCAAGATGCATTTGTGGCCTCAGCAGTGGGTAGTG
 GGAACCGTCGAGATGGTGGCCCCGTGTTCCAGTCCCTGTGGTTGGCAGTGCAGGTACCACCTCTGGGAA
 GTTGTCTAGAGGCCGATGAGCTATGTGATGACGGTGGGGATGGGAGAGGGGCGGCCGCCCTGGGGCT
 GGGCTCCGGAGGCCAACTGCCTGCCTGCCAGTGCAGTGCACAGAAACTGGGTGTATGTGAAGCGAG
 CTAGAAATTGCCCTGCACCAGCATCGTGGTCCACCAAGACCCCGATCTAGAGGATGAGGAAGAGGAGGA
 AGATCTGGTGTGACTTGTGAGGATGACGAGGATGAAGACCTGGGGAATGGCTCTGGGGTTCCTGCAGGG
 GGAGAGCCCGAGGCTACCCTCAGTATCAGTGACGTTCCGACCTTGACGGAGCCTGCAGAAAAGGGGGAGG
 AACAGGTGAACCTCTGTGAATCCTCAATGACTTTGGCCCTATGAGGGTGGTGGCGCTGGGGCAGGACT
 TGATGACCTGGAGGCCCAACCCTTCTCCTATGGCCTCACCCACCTCCACGACCCCTTCTTCCATTG
 GATGTGCCAGGCAACCAGATCTTGGTTTTCCCATCCTCCTCCTCGCAGGCTCCAGGCCAGCCACCAGGGA
 ACACAGCAGAACCGGGCAGTGACCCTAGGGGTGCCTCTGCGGTGGGTCTGGGCATACCAAGTGGCTC
 TGGGGGACCCCGAGGGGCAGGCAACAGCGACGGGAATAAGATCTTTCTTTGCCACTGTGGGAAGGCT
 TTCTCACATAAGAGTATGCGGGACCGGCACGTGAATATGCATCTCAACCTGCGACCCTTTGACTGCCCG
 TGTGCAACAAGAAGTTCAAGATGAAACACCACCTGACCGAGCAGTGAAGACGCACACAGGCCTCAAGCC
 CTACGAATGCAGTGTCTGCGCAAGAAGTTCATGTGGCGGGACAGTTTCATGCGTACCCGGGGTCACTGT
 GAGCGCCGGCACCGGATGGCGCGGGCGGGCCGCATCGGTACCTGGACCTGGACCGGGGGCACCCACAG
 GGCCAGCACTGCAACCAAGAGGGAGTCTCCGCAAGTGGGTGGGGCAGTGGCGATGAGGCGAATTCGGC
 CACACCCCGTCTAATAGGCGTGTCTGGTACCACCCAGCGTGCACAAAGTCGAGATGGATTTCACTGGG
 GGTGGAGGAGCAGCACACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001009172
- Insert Size:** 1911 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: [NM_001009172.3](#), [NP_001009172.1](#)

RefSeq Size: 2570 bp

RefSeq ORF: 1911 bp

Locus ID: 309630

Cytogenetics: 20p12