

Product datasheet for **RN203783**

Zbtb45 (NM_001107478) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb45 (NM_001107478) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb45
Synonyms:	Zfp499; Znf499
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203783 representing NM_001107478
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCCACAGAGGCAGTGCACCACATCCACCTACAGAACTTTTCACGCTCACTACTGGAGACCCTCA
 ATGGGCAGAGGCTAGGTGGTCACTTCTGTGATGTGACTGTGCGCATCCGTGAGGCTTCTCTGCGTGCTCA
 CCGCTGTGTGCTGGCCGAGGCTCACCTTCTTTCAAGATAAGCTGTTGCTTGGCCACTCGGAGATTTCGT
 GTGCCACCAAGTGGTGCCTGCGCAGACAGTGCGCCAGTGGTTCGAGTTCCTGTACAGCGGCTCGTTAGTGG
 TGGCACAAGGCGAAGCACTGCAGGTACTCACTGCAGCATCGGTGCTTCGCATCCAGACCGTCATTGATGA
 GTGCACACAGATCATCGCTCGTGCCCGTGTCCCAACCCCGCGCCTGCGCCACTGCCACCACCGGTG
 CCCCTCCACTCGCACCTGCGCAGCTGCGCCACCGTCTGCGCCACTTGTGGCCGCTCGTCCCCAGGTC
 ATCCCAACGCCGCGCACAGCCGCAAGCAGCGCCAGCCCGCGCTTTCAGCTACCTGCACCCCCACGCC
 CATCAAGGCCGAGGGCCTGATACCGAGCCAGTGTGACTGCTGCGCCTGAAGACAGAGGTGAAGAGGAT
 GACGATGAGGAGACCGATGAAGAAACCGACGCTGAAGAAGGTGAAGGCGTTGGCGGCCCGGGTGAAGGCC
 AGGCTCCCCCTGCCTTCCCCGACTGTGCAGGGGCTTCTTACCCTGCAGCTGACAGCGCTCGAGAAGA
 TCCACCTGCATCCACTGGCATCACTGATTATGGTGGTGCCGGAAGAGATTTCTTCGGGGGACTGGGGTC
 ACTGAAGATGTGTTCCAGATAGTTATGTGTCCGCTTGGCATGAGGAAGGAGCGGAGGTCCAGAAGGTT
 GTCCGGTGGAACGTCTGCTCCACCCGACTGTGCCCTGGCTGGGCTCACCAACCGGTGTAAGACCCC
 TGGTCCCCAGTGGCTCTTTCCCTTTCACTTGGGTGCTCCTGGTCCCCAGCGCCAACACCTCCTACT
 CCATCTGGGCCAGCCCCGCACCCCAACCTTCTACCCACGCTCCAGCCAGATGCAGCCCCAGTG
 CTCAGCTGGGAGAAACCCGGCTGTGCTGCAGCCCTGCTGCTCAGGCCACAGCCATCTCAGCCAGTCC
 TGTGCGTGCCCCGCTGCCCCAGGGGCTGAGCAACCCGCTATGAGTGTAGCCACTGCCGCAAGAGGTTT
 AGCTCTCGAAAAACTACACCAAGCACATGTTTCACTCTGGGGAGAAGCCACATCAGTGCCTGTGT
 GCTGGCGATCCTTCTCGCTACGCGACTATCTGCTCAAACATATGGTCACACACACCGGTGTGCGAGCCTT
 CCAGTGTGCAAGTGTGCAAGCGCTTCACTCAGAAGAGTTCCTCAACGTGCACATGCGCACACATAGG
 CCTGAACGTGCGCCCTGCCCTGCCTGTGGCAAAGTTTTCTCACACCGTGCCTGCTAGAGCGACACCTGG
 CAGCTCACCTGCACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107478

Insert Size: 1560 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_001107478.1](#), [NP_001100948.1](#)

RefSeq Size: 2197 bp

RefSeq ORF: 1560 bp

Locus ID: 308366

Cytogenetics: 1q12