

Product datasheet for **RN207264**

Zbtb7a (NM_054002) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb7a (NM_054002) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb7a
Synonyms:	Lrf; OCZF; Zbtb7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207264 representing NM_054002
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGGCGCGCTGGACGGCCCCATCGGGATCCCCTTCCAGACCACAGCAGCGACATCCTGAGCGGCC
 TGAATGAGCAGCGGACTCAGGGGCTGCTGTGTGATGTGGTGATCTTGGTGAGGGACGTGAGTTCCCCAC
 GCATCGCTCGGTGCTGGCCGCTGCAGTCAGTACTTCAAGAAGCTGTTCACTTCGGGCGCTGTCGTGGAC
 CAGCAGAACGTGTACGAGATTGACTTTGTGAGCGCCGAGGCGCTGACGGCGCTCATGGACTTTGCCTACA
 CAGCCACGCTCACGGTCAGCACGGCCAATGTGGGCGACATCCTGAGTGGGCCCGGCTGCTGGAGATCCC
 GGCCGTGAGCCGAGTGTCACTGACCTGCTGGAGCGCCAGATTCTTGGCGCCGACGATGTGGGGATGCG
 GGCCAGCCCGATGGGGCGGTCCCACGGACCAGCGCACTGCTGCGTGCCAAGGAGTACCTGGAGTTCT
 TCCGCAGCAACCCATGAATAGCCTGCCCCCACTGCCTCCAGTGGCCTGGCTTCAGTGCCCCGATGA
 CGACTGGATGCCACCAAGGAGGAGTGGCTGCCGCTGTGGCTGCTGTGGCTGCAGGTGACTGCAATGGC
 TTAGACTTCTACGGCCAGGGCCTCCAGCTGATCGGCCCCCAACGGGCGATGGGGAGGAGGTGACAGCA
 CCCCAGGGCTGTGGCCTGAGCGGGATGAAGATGCCCCGCTGGGGGCTCTTCCCGCTCCTACTGCCCC
 GCCAGCCACTACACAGAACGGCCACTATGGCCGTGCAGGGGCCAGCACTGGTGAGGAAGAAGCAGTGGCG
 CTCTCTGAGGCCGCCCTGAGCCGGGTGACTCCCCGGCTTCTGTGAGGTGCTGCAGAAGGCGAGGATG
 GGGATGCCGCTGATGTGGACGGGTAGCGGCCAGCACACTGCTACAGCAGATGATGTCGTCGGTGGGCCG
 GGCAGGGGACAGTGATGAGGAGTCCC GCCCGGACGACAAGGGTGCATGGACTACTACCTGAAGTACTTC
 AGCGGAGCCATGAGGGTGTGTACCCGGCTGGTACAGAGGGCGAGAAGAAAATCCGGGCCAAGG
 CCTTCCAGAAGTGCCCCATTTGCGAGAAGGTGATTCAGGGCGCAGGCAAGCTGCCCGGCACATCCGCAC
 GCACACCGGCGAGAAGCCCTATGAGTGCAACATCTGCAAGGTCCGCTTACCAGACAGGACAAGCTGAAG
 GTGCACATGCGGAAGCACACGGGTGAGAAACCGTACCTGTGCCAGCAGTGCAGCGCGGCCTTCGCACACA
 ACTACGACCTGAAGAACCACATGCGGGTGCACACAGGGCTGCGACCGTACCAGTGTGACAGCTGCTGCAA
 GACCTTCGTGCGCTCCGACCACCTGCACAGACCTCAAGAAGGACGGCTGCAATGGGGTCCCCTCGCGC
 CGTGGCCGCAAGCCCCGCTGCGGGGTGTGCCACCTGATGTCCTCCGGGGCTGGCGCACCCCCGGGC
 TCCCGGATGCTCCACGCAATGGCCAGGAGAAGCACTTTAAGGACGAGGAGGACGACGAGGAGGAGGCCAG
 CCTTGACGGCTTGGGCCGCTGAATGTAGCGGGCAGTGGAGGAGACGATGGTGGGGTGGCCCCACGGT
 GCCGCACTGAGGGTAACCTCGCAAC**TGA**

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_054002
- Insert Size:** 1710 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_054002.1](#), [NP_446454.1](#)

RefSeq Size: 2817 bp

RefSeq ORF: 1710 bp

Locus ID: 117107

UniProt ID: [Q9QZ48](#)

Cytogenetics: 7q11

Gene Summary: acts as a transcriptional repressor; may play a role in osteoclastogenesis [RGD, Feb 2006]