

## Product datasheet for **RN202846**

### **Zbtb48 (NM\_001013216) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Zbtb48 (NM_001013216) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb48
Synonyms:	Hkr3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN202846 representing NM\_001013216  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATGGTTCCTTCGTACAGCACAGCGTGAGGGTTCGCAGAACTCAACAAGCAGCGTGAGAAGGGCC  
 AGTATTGCGACGCCACGCTGGACGTGGGGGCCTGGTGTCAAGGCGCACTGGAGTGCCTGGCGTGTG  
 CAGCCGTTTCTTCCAGAGAATCTACGGGATGGCTCAGGGGGCAGTGTTCCTCCCTGCAGTTTTGTCT  
 GAGATTTTTGGCCTCCTGCTGGACTTTTTCTACACTGGCCACCTCGCCCTCACCTCAGGGAACAGGGATC  
 AGGTGCTCTTGGCAGCCAAAGAGTTGAGGGTGCCTGAGGCTGTGGAGCTATGTCAGAGCTCCAGCCCCA  
 AACCTCAGCGGGACAGGCACAGAGTGGACCGGGCCAAGTTTCTCCAGGATGTGAAAAGCCACCTCAAG  
 GAGCCAACAGACTTGGATGAGGAGGAAGTTTTCAGGACTCTGAGCCTGGCCTCTGTGGATCAGGAGCCCA  
 GAGACGGTGAGCAGCCCCAGCTCAGCACACCTGCCAGAGCAGCCCGCCCTTCTCTGTGGAAACTCAA  
 GCAGGTGTGAAGCCTTCTCCCCAGCGGACAAAGAGTCTGAGGACAGCAAAGAGCCCCCAAGGCCTTTT  
 GAAGCTGAAGGTGCCCACTGCAGGGCGAGAGCAATGAGTGGGAAGTGGTGGTTCAAGTTGAGGACGACA  
 GGGATGGTGTGATGGCGATTATGCATCTGAGCCTGAGACTGTGCTGACCAGGAGGAAGTCAAAAAGTGATTAG  
 AAAGCCGTGTGCGGCAGAGCCAGCCCTGGGTGCAGGCTCCCTCACAGCCGAGCCACCGAGGGCAGAAAA  
 GGTGCAGCAGTCCGGTGAATGTCCCACATGTCATAAGAAGTTCCTCAGCAAATACTACCTAAAAGTCC  
 ACAACAGGAAACACACTGGGGAGAAACCCTTCGAGTGTCCCAAATGTGGGAAGTGTACTTTTCGCAAGGA  
 GAACCTCTTGGAGCATGAAGCCCGAATTGCATGAACCGCTCAGAACAGGTCTTCACATGCTCCGTATGC  
 CAGGAGACCTTCCGCCGAGGATGGAGCTGCGGGTGCACATGGTGTCTCACACAGGGGAGATGCCCTACA  
 AGTGCTCCTCTGCTCCAGCAGTTTCATGCAGAAGAAGGACTTCAGAGCCACATGATCAAGCTGCATGG  
 AGCCCTAAACCCACGCATGCCCACTTGTGCCAAGTGCTTCCTGTCTAGGACGGAGCTACAGCTGCAC  
 GAGGCTTTTAAGCATCGTGGAGAAAAGCTCTTTGTGTGAAGAATGTGGGCACCGGGCCTCAAGCCGCA  
 ATGGGCTGCAGATGCACATCAAGGCCAAGCACAGGAATGAAAGGCCGTATGTCTGTGAGTCTGCAGCCA  
 TGCATTACCCAGAAGGCCAACCTCAACATGCACCTGCGCACACACAGGAGAGAAGCCCTCCAGTGC  
 CACCTCTGTGGGAAGACCTTCCGCACCCAAGCCAGTCTGGACAAGCACACCACCCACACGGGTGAGA  
 GGCCTTTTAGCTGTGAATTCTGTGAGCAGCGTCTACTGAGAAGGGCCCCCTTCTGAGGCATGTGGCCAG  
 CCGTCATCAGGAGGCAGACCTCATTCTGCCAGATCTGTGGCAAGACCTTCAAAGCAGTGAACAGTTA  
 CGGGTGCACGTGAGCAGCACAAAGGCGTGAGAAAGTTCGAGTGCACCGAGTGTGGCTACAAGTTCCTC  
 GGCAGGCTCACCTGCGGAGGCACATGGAGATCCACGATAGAGTGGAGAATAACAACCTCGGCAGCGCAA  
 GCTCCGGAACCTCATCATCGACGATGAGAAGATGGTGGTGGTGGCTCTCCAGCCACCTGCAGACCTGGAG  
 GTGGGCTCCGAGAGGTCAATGTGGAGTCCCTGACCCAGGGTGGCCTTGCTCCCAACTCCCTAGCCAGA  
 GACTGTGTTTCAGAGGAGACTTTGCTAGCTCCGGGTCTGGAGCCGTCTCATCATCAGCGCTGCTGT  
 CCCTGAGGACTGTGACACG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001013216
- Insert Size:** 2052 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\\_001013216.2](#), [NP\\_001013234.2](#)

**RefSeq Size:** 2224 bp

**RefSeq ORF:** 2052 bp

**Locus ID:** 362668

**Cytogenetics:** 5q36