

Product datasheet for **RN217312**

Zbtb41 (NM_001191670) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb41 (NM_001191670) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb41
Synonyms:	RGD1560834
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217312 representing NM_001191670
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGAAAAGGAGAAAGTTACTTCAGATCTTGACGAGAAGATCCATCTAGGCTATCATAAAGATTCTT
 CAGAAGAAAATGCTGCTGTGGAATGTGGCCAAGTGACCTACACTCAGTCGACAGAAAGACCAACCCCTGA
 AGCTCTTCAGTGTGCCAAGAGCTTCCACCTCTCCGGATCAGAGAAAGCTTTTGAGTTCTTTGCAGTAC
 AATAAGAATTTGCTGAAGTACTTGAACGATGATAGGCAGAAGCAGCCGCTTTTCTGTGATTTACTTATCA
 TAGTAGAAGGGAAAGAATTCAGTGCTCATAAAGTAGTAGTTGCTGTTGGCAGTAGTTATTTCCATGCGTG
 TTTGAGCAAAAATCCAAGCACGGATGTCGTACCCTGGATCACGTAACGCATTTCAGTTTTTCAGCATTTG
 CTCGAGTTTCTTTACACATCAGAGTTTTTTGTGTACAAATACGAAATACCTCTTGTTTTAGAGGCGGCAA
 AATTTTTGGACATTATAGACGCAGTGAAGCTGCTGAATAATGAGAACGTTGCTACGTTTCAGGCGGAACT
 CACTGACAAGTCGTCCCAGAAGAGACACTAAATGAATTAACCGGAAGGCTATCCAACAATCATCAGTGC
 AAATTTTGTAGTAGGCATTTCTGCTATAAAAAGTCCTTAGAGAACCATTTAGCTAAGACTCATAGGTCCC
 TGTTACTGGGGA AAAACATGGGTTAAAAATGCTGGAGCGCAGTTTCTCTACTCGGAGGTCCAAGAGGAA
 TCGGAAGTGTCCTGTAAGTTTGTATGACACCACTGACGATGAACAGGAAAGTGGGGATGGGTGAGACAAT
 TTGAATCAGGAAAGTTTTGATAAGGAGAGGTGCGATAGGAATGACTCCGAGGACCTGGAAGTGATTATA
 ATGTGGAGGACGAGGAGCTGGAGGAGGAAGTGTGAGTAGGAGTCTGACACCGAGCAGAGTGACAAAGA
 CAATGACGCAGAAGAGGAGCCGAGGCTGCTGACTCTGCAGGAAGCATCCACGAAGGGTTGGCTCCCGTA
 GTCATTGAGACAGCAATAAGAAGATCCTGCAGTGTCCCAAGTGTGATAAGACATTTGACCGGATAGGGA
 AATATGAGAGCCACCCGCTGTGCACACAGGTGAGAAGCCCTTTGAGTGTGATATCTGTACCAGCGTTA
 TTCGACCAAGTCTAACCTAACCGTTTACAGAAAAGAACGACAGCAGCGAGGTAGAGTTTCATAAGAAGGAG
 CACAAGTGCCCTTACTGTAATAAGCTGCACGAGCAAGAAGACGCTAGCCAAGCAGCTCAAGAGATTTT
 ATCCTGAAAATGCACAAGAATTTATTTCCATTAAGAAGACTAAGAGTGAGAGTTGGAATGTGATATTTG
 TAAGAAATCTTTTACTCGAAGACCACACTTGAAGAACACATGATTCTGCATTACAAGATAAACCTTTT
 AAATGTACCTATTGTGAAGAACATTTCAAATCCAGATTTGCACGGTTAAAGCATCAAGAGAAGTTCCATC
 TAGGACCCTTCCCATGTGATATATGTGGTCGTCATTCAATGACACTGGAATTTGAAACGTCATATAGA
 ATGTACTCACGGTGGAAGAGGAAATGGACTTGCTTTATTTGTGGGAAGTCAGTTCGAGAAAGAACTACT
 TTGAAAGAACATTTGAGAATACACAGTGGAGAAAAGCCTCATCTTTGTAGTATCTGTGGGCAAAGTTTTT
 GTCATGGAAGCTCATACAGGCTTCACTTACGCGTGCATCATGATGATAAAAGATACGAGTGTGATGAATG
 TGGGAAGACATTCATTGCCATGACCACCTCACAAAGCACAAAAAATACATTTCAGGTGAGAAGGCTCAT
 CAGTGTGAAGAGTGTGGAAGTGTTTCGGTCGACGGGATCACCTCACTGTCCATTACAAGAGTGTGCATC
 TGGGGGAGAAGGTGTGGCAGAAATATAAAGCAACATTTTCATCAATGTGATGTTTGAAGAAGATTTTAA
 AGGAAATCAAGTCTGGAATGCATTTTCGGACACATTCAGGTGAAAAACCATACAAGTGTCAAATTTGC
 AATCAGTCATTTAGAATTAAGAAAACCTTAACAAAACACCTGGTTATTTCACTCTGATGCTCGGCCTTTCA
 ATTGTCAACACTGTAATGCAACGTTTAAGCGGAAAGATAAGCTGAAGTACCACATTGACCATGTTTCATGG
 GATAAAATCTCCTGATGATTCTCTCAGTACTTCTGAGGAAAACTCATGTCTTTGCCAATAGAGTACTCA
 TCTGATGATAAGATCTTTCAAGCAGAAACAAAACAGTATCTGGACCAGCCAAAAGTTTATCAGTCGGAAG
 CCAAGACTATGTACAGAATGTGCTGCGGAAGTATGTGTTCCAGTAACATTGGTCCCAGTTTCAGATGCC
 TGACACATCCAGCGATCTGGTGTCTCATACTACCACACTCCCCACATCGTCCCATGAGATGCTGCCACCA
 CAGACGCGACCAACTGATTATCCTCGTGCAGCAGACTTAGCATTTCTGGAAAAATACACTCTTACTCCTC
 AGCCTGCAAAATAGTTACCCAGTCCGACCTGAACAGATGCTAGATCCTAGAGAACCGTCTTATCTTGG
 AACATTACTGGGCCTTGATAGCACAAGTCTGTTCAGAATATGTCCACTAGTGAGCATCGTTCTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001191670

Insert Size:	2727 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191670.1, NP_001178599.1</u>
RefSeq Size:	2727 bp
RefSeq ORF:	2727 bp
Locus ID:	289052
Cytogenetics:	13q13