

Product datasheet for **MC217210**

Zbtb37 (NM_173424) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Zbtb37
Synonyms:	D430004I08Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC217210 representing NM_173424
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACCATGGAGAAAAGTGGGAACATACAATTGGAGATCCCCGACTTCAGCAACTCTGTTCTGAGCCATC
 TCAACCAGCTACGAATGCAAGGCCGGCTCTGTGATATTGTGGTCAATGTGCAAGGACAAGCTTTTCGGGC
 TCACAAAGTAGTACTGGCTGCCAGCTCCCCTTATTTCCGGGATCACATGTCCTTGAATGAAATGAGTACT
 GTGTCCATTCTGTCAACAAGAACCTACTGTTTTGAGCAACTCTTTCTTTCTGTTACACAGGGCGGA
 TATGCCTGCAACTAGCAGATATCATCAGTACCTAACAGCTGCTAGTTTTCTGCAGATGCAGCATATTAT
 AGACAAATGTACGCAGATCCTAGAGGGCATTCACTTCAAAATTAATGTGGCTGAGGTTGAAGCAGAATTA
 AGTCAAAACAAGGACAAAGCATCAAGAGAGACCTCCAGAGTCTCATAGGGCTACACCAATCTAAACCGCT
 CACTTAGTCCACGGCATAATGCCTCAAAGGAACTGGAGAGGGCAGGTGAGTCCGTGCTGGATATCCG
 AGAGCTCAGTCCCCGGAGGAGCCACAGTCTCAGATAATTGAACAGAGTTCTGATGCAGAAGGCCGG
 GAGCCCATCTTCGAATCAACAGAGCAGGACAGTGGTATGTGAAAACAGGACTAGCAGACCAGGGGGCCC
 GGAGTGGTGACGAAGTTAGGGTTCTTGAGCAGTGCACATCAAACTGAAATCTAGAAGAGTGGCTTGG
 GCCAGAGAATCAGCCTTCTGGAGAAGATGGGAGTAGTGCAGAGGAAGTCACAGCCATGGTGATTGACACC
 ACAGGCCATGGTTCTATAGGACAGGAAAGTTATACTTTAGGGTCTTCAGGAGCCAAGGTAGCTCGGCCAA
 CCAGCAGTGAAGTTGACAGATTTAGTCCCTCCGGCAGTGTGTTTCCATGACAGAAAGACACAGAGCCAG
 AAGTGAGTCTCCTGGGAGAATGGATGAGCCTAAGCAACTTAGCTCCAGGTAGAAGAGTCAGCAATGATG
 GGAGTAAGCGCCTATGTGGAGTATCTCCGAGAACAGAAGTGTCCGAACGATGGTTCGGGTATAATCCCC
 GTCTCACCTGCATCTACTGTGCCAAATCTTCAACCAAAAGGGAAGTCTGGACCGCCACATGCGCTGCA
 TATGGGAATCACACCGTTTGTCTGCCGATGTGTGAAAAAAGTATACCCGAAAGACCAGCTGGAATAT
 CACATCCGCAAGCACACAGGCAACAAGCCCTTCACTGTACAGTTTGTGGCAAAAGTTTCCCTTCCAGG
 CCATCTTGAATCAGCACTTTCGAAAAAACCCCTGTTGTATACCCCTGGAAGGGCCTCATAGCATTTCT
 TCCTGAGACTACTGTCACTTCCCGCAAGCTGAAGAAGGTACACCTCACAGAGAATAAGTTGCTCCT
 GGAGAATCTGCCAGGGCTCAGTTTCTACTACTGGCCAGATTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_173424

Insert Size: 1515 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_173424.3, NP_775600.1</u>
RefSeq Size:	3883 bp
RefSeq ORF:	1515 bp
Locus ID:	240869
Cytogenetics:	1 H2.1