

Product datasheet for **MC227238**

Zbtb24 (NM_001277230) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zbtb24 (NM_001277230) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zbtb24
Synonyms: BC055367; Bif1; Bsg1; ZNF45; ZNF450
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227238 representing NM_001277230
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGACACAACCCCGGAGCCTTGTGGGCAGCTTATGGTACACTCAGACACTCACAGTGACACTGTGC
 TGGCCAGTCTGGAGGATCAAAGGAAGAAGGGCTTTCTTTGTGATATTACTTTAATCGTGGAGAATGTGCA
 TTTCCGAGCCATAAAGCCTTGCTGGCCGCCAGTAGCGAGTATTCTCAATGATGTTTGGGAAGAGGGC
 GAGATTGGCCAGTCTATCTACATGCTGGAAGGCATGGTTGCAGACACCTTGGCATCCTGCTGGAATTTA
 TCTATACAGGTTATCTACATGCCAGTGAGAAAACGACAGAGCAGATCCTGGCTACTGCTCAGTCTCTAAA
 AGTCTATGACCTGGTAAAGGCATACGCAGACTCCAGGATAACCATAGCGCCCCAAAGCCACCAGCTTTG
 AACTGCACTGGGACGCCAGTGGTGGTTATTTCCAATAAGAAGAACGATCCTCTGAAACGGAAACGGGGAA
 GACCAAGAAAAGCCAATGGTTTGCAGGAAGGGAGATCAGAAGCTGGCTGCAGAGGGAGAGCTGCAGCTGAG
 AGTGAACAATTCAGTTCAGAATAGACAAAACCTTGTGTTAAAGAAGAAGACAGTGTCAAGCTGAGTGAG
 CAGACTCCAGAAGACAAGGAATCAGAGCCTGCTGGTGAGCCAGGAAGCGTGGAGGAGGTGCCTGCTGAAA
 AGGACGAGAACTTTGACCCCAAGGCTGGGGATGGACAGGAGCCAGAGTAGTGCAGCAGCGCGGAGAAT
 CCGCAGGTCTGTCAAGCTCAAAGACTACAAGCTTCTTGGAGATGAAGATGACCAGAGTACTGCCAAGAGG
 CTATGTGGAAGAAAAAGCGCTCCAGCGGTCCCGAGGCCGGTGTAAAGACTGCGACAGAGTCTTTAAAT
 ATAGTCACTTCTTAGCAATCCACCAGAGACGCCACACGGTAACCTCGATTTCCAGACGTGGTGCATTG
 GTTGGGGAGTTTGAATTGTGGTTGGGACGGTTGTGTTGTTTCTACATGGTAGACATGGCAATAAAGCCT
 TCGTGTGTTGTT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001277230



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Insert Size:	1065 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:	<ol style="list-style-type: none">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_001277230.1, NP_001264159.1</u>
RefSeq Size:	2554 bp
RefSeq ORF:	1065 bp
Locus ID:	268294
UniProt ID:	<u>Q80X44</u>
Cytogenetics:	10 B1
Gene Summary:	<p>This gene encodes a protein containing eight C2H2-type zinc fingers and a BTB domain. Expression of this gene is induced by bone morphogenetic protein-2 signaling. Mutation of the related gene in humans causes immunodeficiency-centromeric instability-facial anomalies syndrome-2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]</p> <p>Transcript Variant: This variant (3) lacks several 3' coding exons and its transcription extends past a splice site used in variant 1, resulting in a distinct 3' coding region and 3' UTR. The encoded isoform (3) is shorter and has a distinct C-terminus, compared to isoform 1.</p>