

Product datasheet for **MC220939**

Zbtb24 (BC055367) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb24 (BC055367) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb24
Synonyms:	Bif1, Bsg1, ZNF450
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC055367
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCAGACACAACCCCGGAGCCTTGTGGGCAGCTTATGGTACACTCAGACACTCACAGTGACACTGTGC
 TGGCCAGTCTGGAGGATCAAAGGAAGAAGGGCTTTCTTTGTGATATTACTTTAATCGTGGAGAATGTGCA
 TTTCCGAGCCCATAAAGCCTTGCTGGCCGCCAGTAGCGAGTATTTCTCAATGATGTTTGGGAAGAGGGC
 GAGATTGGCCAGTCTATCTACATGCTGGAAGGCATGGTTGCAGACACCTTTGGCATCCTGCTGGAATTTA
 TCTATACAGGTTATCTACATGCCAGTGAGAAAACGACAGAGCAGATCCTGGCTACTGCTCAGTTCTTAAA
 AGTCTATGACCTGGTAAAGGCATACGCAGACTTCCAGGATAACCATAGCGCCCCAAAGCCACCAGCTTTG
 AACTGCACTGGGACGCCAGTGGTGGTTATTTCCAATAAGAAGAACGATCCTCTGAAACGGAAACGGGAA
 GACCAAGAAAAGCCAATGGTTTGCAGGAAGGGAGATCAGAAGTGGCTGCAGAGGGAGAGCTGCAGCTGAG
 AGTGAACAATTCAGTTCAGAATAGACAAAACCTTTGTGTTAAAGAAGAAGACAGTGTCAAGCTGAGTGAG
 CAGACTCCAGAAGACAAGGAATCAGAGCCTGCTGGTGAGCCAGGAAGCGTGGAGGAGGTGCCTGCTGAAA
 AGGACGAGAATTTGACCCCAAGGCTGGGGATGGACAGGAGAGCCAGAGTAGGTGCAGCAGGCGGAGAAT
 CCGCAGGTCTGTCAAGCTCAAAGACTACAAGCTTCTTGGAGATGAAGATGACCAGAGTACTGCCAAGAGG
 CTATGTGGAAGAAAAAGCGCTCCAGCGGTCCCAGGCCCGGTGTAAGACTGCGACAGAGTCTTTAAAT
 ATAGTCACTTCTTAGCAATCCACCAGAGACGCCACACGGGGAAACGACCTTCAAATGTAATGAGTGTGG
 GAAGGGCTTTGCTCAGAAGCACTCCTTGCAAGTCCATACCAGGATGCACACGGGGAGCGGCCATACACC
 TGCACCGTGTGCGCAAGGCGCTGACCACCAAGCACTCCCTGCTGGAGCAGATGAGCCTGCACTCAGGAC
 AGAAGTCTTTACCTGTGATCAGTGTGAAAAATTTTCAGCCAGAAAAGACAGCTAAAGAGCCATTATCG
 TGTCCATACAGGTACGATACCAATAAGGCCACTACTACCAGAATGCAGCCACTGCCACCGAAAAGTTTAT
 GGACGTGTCCAGCTGAAGAAGCACCTGCGGACACACACAGAGGAGAAAAGCCATACTCCTGCAGCATCT
 GTGGCAAATGCTTCTCTGACTCCAGTGCCAAGAGGAGACTGCATCCTGCATACGGGCAAGAAGCCCTT
 CTCCTGCCCGAGTGTGGCTTACAGTTCGCTCGCCTAGACAATTTGAAGGCACACTTGAAAATCCACAGC
 AAAGAGAAGCACACGGCAGACTCCAGCAGTGTCTTGGCAGTAATGTGGACGAGGGCAGGAACATTCTTC
 AGCTGCAACCATACCAGCTCTCCAGTCCGGAGAGCAGGAGATTCAGCTTCTTGCACCGACTCTGTGCA
 TAACATTAACCTCATGCCAGTCCAGCCAGGGGTGAGCATCGTGGCTGCCGAGAGCCCCAGAGCATG
 GCCACAGACCCGCTGCCAACATCACCTGCTCACACAGCAGCCTGAGCAGCTGCAGGGCCTGATCCTTT
 CCGCTCAGCAGGAGCAGGCAGAGCATTACAGAGCCTCAGTGTGATTGGAGGCCAGATGGAGTCCCTCCA
 GACTGAGCCAGTGCATGTATCACAATTTCCAAGGAAACGCTGGAGCATCTCCACGCCACCAGGAGCAA
 ACAACCAGCTCAGTACCTGCAGCTGACACAGGAGCCCGAGCCACCCTGTCCCCTCCACTAGGCCAGGAG
 CAGAGCTGACCAAGCGCCTCTGGCCGTCCACTAGACCCTTCCCTGGAGCAACAGTGGCAGGGTGGCC
 TTTTGGCCATCATCTTACAGATCCTTAAAGATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC055367

Insert Size: 2067 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:	<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>BC055367</u> , <u>AAH55367</u>
RefSeq Size:	2757 bp
RefSeq ORF:	2066 bp
Locus ID:	268294
Cytogenetics:	10 B1
Gene Summary:	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]