

Product datasheet for **MC220377**

Zbtb16 (NM_001033324) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb16 (NM_001033324) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb16
Synonyms:	AI467657; lu; PLZF; Zfp145
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220377 representing NM_001033324
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCTGACAAAGATGGGGATGATCCAGCTGCAGAACCCTAGCCACCCACGGGGCTGCTGTGCAAGG
 CCAATCAGATGCGACTGGCTGGGACTTTGTGCGATGTGGTCATCATGGTGACAGCCAGGAGTTCCATGC
 CCACCGGACGGTCTAGCCTGCACCAGCAAGATGTTTGAGATCCTCTCCACCGAAAACAGCCAGCACTAT
 ACTCTGGACTTCTCTCGCCAAAAACCTTCCAGCAGATCCTGGAGTACGCCTACACGGCCACACTGCAAG
 CCAAGGCGGAGGACCTGGATGACCTGCTGTATGCAGCTGAGATTTAGAGATCGAATACCTGGAGGAGCA
 GTGCCTGAAGATCCTGGAGACCATCCAGGCATCTGATGACAATGACACAGAGGCCACCATGGCTGACGGT
 GGGGGCGAAGAAGAAGAGGACCGTAAGGCTCGATACCTCAAGAACATCTTTATCTCGAAGCATTCCAGCG
 AGGAGAGTGGCTACGCCAGTGTGGCTGGACAGAGCCTCCCTGGGCCATGGTGGACCAGAGCCCCCTCAGT
 CTCACCTCTTTCCGCTCTCAGCCATGAGTCCTACCAAGGCAGCTGTGGACAGCTTGATGAGTATAGGA
 CAGTCACTCCTGCAAGGAACTTTCAGCCACCTGCAGGGCCTGAGGAGCCACACTGGCAGGGGGTGGGC
 GACACCCTGGGGTGGCTGAGGTGAAGATGGAAATGATGCAGGTAGATGAAGCCCTGGCCAGGACAGCCC
 TGGGGCAGCTGAGTCTAGCATCTCAGGAGGGATGGGGACAAGCTTGAAGAGAGGAGCAAAGAGGGGCT
 GGGACCCCGACTCGAGGCAGCGTCATCACTAGTGCCAGAGAGCTGCATTATGGGAGAGAGGAGTGGTG
 AGCAGCTCTCGCTCCTGTTGAAGCTGGCCAGGGACCCCTGGGGCGCAGGAGCCCTGGCACCCCCAGT
 GGAGAAGCATTGGGTATCTACTCGGTGCTGCCAACCACAAGGCCGATGCTGTGTTGAGCATGCCGTCT
 TCAGTGACGTCTGGTCTCCATGTGCAACCTGCCCTGGCAGTCTCCATGGACTTCAGCACCTACGGGGTC
 TGCTGCCTCAGGGCTTCATCCAGAGGGAGCTGTTTCAGCAAGCTGGGGGAGCTGGCTGTGGGCATGAAGGC
 TGAGAGCCGCCCTCTGGGGGAGCAGTGCAGTGTGTGTGGGTTCGAGCTTCCGGACAACGAGGCAGTGGAG
 CAGCACAGGAACTGCACAGTGGGATGAAAACATACGGGTGTGAACTCTGCGGAAAACGGTTCCTGGACA
 GTTTGCGACTGAGAATGCATTTACTGGCTCATTACGCGGGTGCCAAAGCCTTTGTGTGTGATCAGTGTGG
 TGCCAGTTCTCAAAGGAGGATGCCCTGGAGACACACAGACAGACCCATACTGGCACGGACATGGCTGTC
 TTCTGTCTGCTGTGTGGAAACGCTTTCAGGCACAAGCGCACTCCAGCAGCACATGGAGGTCCACGCGAG
 GCGTGCGCAGCTATATTTGCAGTGAGTGAACCGCACCTCCCCAGCCACACGGCTCTCAAGCGCCACCT
 TCGCTCACATACAGGTGACCACCATATGAGTGTGAGTCTCGCGCAGCTGCTTCCGGGATGAGAGCACA
 CTC AAGAGCCACAAGCGCATCCACACAGGGGAGAAGCCCTATGAGTGTAAACGGCTGTGGCAAGAAGTTCA
 GCCTCAAGCACCAAGTGGAGACGCACTACAGGGTTCACACAGGTGAGAAGCCCTTTGAGTGCAAACCTCTG
 CCACCAGCGCTCCCGAGACTACTCGGCCATGATCAAGCACCTGAGAACACACAACGGTGCCTCGCCATAC
 CAGTGTACCATCTGCACGGAATACTGCCCCAGCCTCTCCTCCATGCAGAAAACACATGAAGGGCCACAAGC
 CGGAGGAGATCCCACCTGACTGGAGGATAGAGAAGACGTACCTCTACCTGTGTTATGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033324

Insert Size: 2022 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: [BC138775](#), [AAI38776](#)

RefSeq Size: 2336 bp

RefSeq ORF: 2022 bp

Locus ID: 235320

Cytogenetics: 9 26.47 cM