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Product datasheet for MC222555

Zbtb41 (NM_172643) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb41 (NM_172643) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb41
Synonyms:	8430415N23Rik; 9430031N01; 9830132G07Rik; AI316857
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC222555 representing NM_172643
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGAAAAGGAGAAAGGTTACTTCAAATCTTGACGAGAAGATCCATCTAGGCTATCATAAAGACTCTT
CGGAAGAAAATGCTGCTGTGGAGTGTGGCCAAGTGACCTATACTCAGGCTCCAGAAAGACCAACCCCCGA
AGCTGCCCAGCGTTGCCAAGAACTGCCTCCCTCTCCAGATCAGAGAAAGCTTTTGAGTTCTTTGCAGTAT
AATAAGAATTTGCTGAAGTATTTGAACGATGATAGGCAGAAGCAACCGTCTTTCTGCGATTTACTTATCA
TAGTGGAAGGGAAAGAGTTTAGTGCGCATAAAGTGGTCGTTGCTGTCGGCAGTAGTTATTTTCATGCGTG
TCTGAGCAAAAATCCAAGCACTGATGTTGTCACCCTGGATCACGTAACGCATTCGGTTTTTCAGCATTTG
CTTGAGTTCCTCTACACATCGGAGTTTTTTGTGTACAAATACGAAATACCTCTTGTGTTAGAGGCTGCAA
AATTTTTGGACATCATCGATGCGGTAAAGCTGCTGAATAATGAGAATGTTGCTGCCTTTCAGGCCGAACT
GACTGAAAAGTCGTCACCAGAAGAAACACTAAATGAGCTAACTGGAAGACTGTCGAGTAGTCATCAGTGC
AAATTTTGTAGTAGGCATTTCTGCTATAAAAAGTCCTTAGAGAATCATTTAGCCAAAACTCACAGGTCTC
TGCTCCTTGGGAAAAAACATGGGTTAAAAATGCTGGAGAGAAGTTTTTCTACCCGGAGGTCAAAGAGGAA
TCGGAAGTGCCCTGTCAAGTTTGAGGATACCAGCGACGATGAACAGGAGAGTGGGGATGGGTCAGACAAT
TTGCATCAAGAAAGTTCTGAGAAGGAGAGGTCAGATAGAAATGATTCTGAGGACCCTGGCAGTGAATATA
ATGCCGAAGACGAAGAGCTGGAGGAGGAAGTGTCCGATGAAGACTCTGACACGGAGCAGAGTGACAAAGA
TAATGATGCAGAAGAGGAACCTGAGGCTGGCGACTCTGCCGGGAGCATCCATGAAGGGTTAGCTCCCGTC
ATCATTCAGAACAGCAATAAGAAAATCCTGCAGTGTCCCAAATGTGATAAGACATTTGACCGGATAGGGA
AATATGAGAGCCACACCCGTGTGCACACAGGTGAGAAGCCTTTTGAGTGTGATATTTGTCACCAGCGTTA
TTCGACAAAGTCTAACTTAACTGTTCACAGAAAGAAGCACAGTAACGAAGTAGAGTTTCATAGGAAGGAG
CACAAGTGCCCTTACTGTAACAAGCTGCACGCAAGCAAGAAGACACTGGCCAAGCACGTCAAGAGATTCC
ATCCTGAAAATGCACAAGAGTTTATTTCCATCAAGAAGACTAAGAGTGAAAGTTGGAAATGTGATATTTG
TAAGAAATCTTTTACTCGAAGACCACACTTGGAAGAACACATGATTCTGCATTCACAAGATAAACCCTTT
AAATGTACCTATTGTGAAGAACATTTCAAATCCCGGTTTGCACGGTTAAAGCATCAAGAGAAGTTCCACC
TGGGACCCTTTCCATGTGATATATGTGGTCGTCAGTTCAATGATACTGGAAATTTAAAACGCCATATAGA
ATGTACTCATGGTGGAAAGAGAAAATGGACTTGCTTTATTTGTGGGAAGTCAGTACGAGAAAGAACTACT
TTGAAAGAACATTTGAGAATACACAGTGGAGAAAAGCCTCATCTTTGCAGTATCTGTGGGCAGAGTTTTC
GTCATGGAAGCTCATACAGGCTTCACTTGCGAGTGCATCACGATGACAAGAGATATGAGTGTGATGAATG
CGGGAAAACGTTTATTCGCCATGACCACCTTACAAAGCACAAAAAAATACACTCAGGCGAGAAGGCTCAT
CAGTGTGAAGAGTGTGGAAAGTGCTTCGGGCGCAGGGACCACCTCACTGTGCATTACAAGAGTGTGCATC
TGGGAGAGAAGGTTTGGCAGAAATATAAAGCAACATTTCATCAATGTGATGTTTGTAAGAAGATTTTTAA
AGGAAAGTCAAGTCTGGAAATGCATTTTCGGACACATTCAGGTGAAAAACCATACAAGTGTCAAATTTGC
AATCAGTCGTTTAGAATTAAGAAAACTTTAACAAAACACCTGGTTATTCACTCTGATGCCCGGCCTTTCA
ATTGTCAACATTGCAATGCAACATTTAAGCGGAAAGATAAGCTGAAGTACCACATTGACCATGTTCATGG
GATAAAATCTCCTGATGATTCTCTCAGTACTTCTGAGGAAAAACTCATGTCTTTGCCAATGGAGTACTCA
TCTGATGATAAGATCTTTCAAGCAGAAACAAAACAGTATCTGGACCAGCCCAAAGTTTATCAGTCGGAAG
CCAAGACTATGCTACAGAACGTGTCTGCAGAAGTATGTGTTCCAGTAACATTGGTCCCAGTTCAAATGCC
TGACACATCCAGCGATCTGGTGCCTCATACCACCACACTTCCCACATCGTCCCATGAGATGCTGCCACCA
CAGCCACAGTCAACTGATTATCCTCGTGCAGCAGACTTAGCATTTCTGGAAAAATACACTCTTACTCCTC
AGCCTGCAAATATAGTTCATCCCGTCCGACCCGAACAGATGCTAGATCCTAGAGAACCATCTTATCTCGG
GACATTACTGGGCCTTGATAGCACAGCTGCTGTCCAGAATATGTGCAGTAGTGAGCATCGTTCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172643

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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).
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:	NM_172643.5, NP_766231.2
RefSeq Size:	8362 bp
RefSeq ORF:	2727 bp
Locus ID:	226470
UniProt ID:	Q811F1
Cytogenetics:	1 E4
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

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