

Product datasheet for **SC321519**

ZBTB43 (NM_014007) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB43 (NM_014007) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBTB43
Synonyms:	ZBTB22B; ZNF-X; ZNF297B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_014007.2
 CCGCAGAGAGGATATCTTGGGCGGGGATGTGAGCGCTGAGCCCTTGGCAGAAAGTCAATG
 TGATTTTAATTTGAAGCAAACTGAAATGGGTTCTTCTCCTCATTCTATTTCATGTTGCT
 TTTTGATGGCCATGGCATAAGGAACTCTATCCCAGGAATACAGCTTTCATTAGCACCGA
 ACAAGATTTGTGATGAAATGGAGCCTGGAACAACTCTTTTCGGGTAGAATTTCTGATT
 TTTCCAGCACCATTCTACAGAACTGAACCAGCAGCGCCAGCAAGGACAATTATGTGACG
 TCTCCATTGTTGTCCAAGGCCACATTTTCCGGGCACACAAGCCGTTCTTGCTGCCAGTT
 CACCCTACTTTTTGTGACCAGGTACTCCTGAAAAACAGCAGGAGAATTGTTTTGCCTGATG
 TGATGAACCCCAAGAGTGTGTTGAGAACATTCTCCTATCTAGTTATACAGGACGTCTAGTAA
 TGCCCCGCTCCAGAAATTGTTAGTTACTTGACAGCGGCAAGCTTCTCCAGATGTGGCATG
 TGGTAGACAAATGCACTGAAGTTTTAGAGGGAAACCTACAGTCCTTTGTCAGAAGCTAA
 ATCATGGCAGTGACCACCAAGCAGCAGTAGTTATAATGGCCTGGTAGAGAGCT
 TTGAGCTGGGCTCTGGGGTCTACTGATTTTCCCAAAGCCCAAGAACTGAGAGATGGTG
 AAAATGAAGAGGAGAGCACCAAGACGAGCTGTATCCAGCTCACCGAGCACGAATACC
 TGCCCAAGCAACTCGTCCACAGAGCATGACCGCTGAGCACGGAATGGCAAGCCAGGATG
 GGGAGGAGGGCGCCAGCGACAGCGCCGAGTTCCACTACACCCGGCCCATGTACAGCAAGC
 CCAGCATCATGGCTCACAACGCTGGATCCACGTGAAGCCCGAGCGCTTAGAACAGGCTT
 GCGAGGGCATGGATGTGCACGCGACCTACGACGAGCACCAGGTACAGAGTCCATCAACA
 CCGTGACAGACAGAGCACCGGTGCAGCCTTCGGGAGTGGAGGAGGACTTCCACATCGGGG
 AGAAGAAAGTGAAGCTGAGTTTGATGAACAGGCTGATGAAAGCAATTATGATGAGCAGG
 TGGATTTCTATGGCTCTTCCATGGAAGAGTTTTCCGGAGAGAGGTGAGATGGGAATCTAA
 TTGGGCACAGACAGGAGGCTGCCCTCGCAGCAGGTTACAGTGAGAATATTGAAATGGTAA
 CAGGGATTAAGAAGAAGCTTCCCACTTAGGATTCTCAGCCACCGACAAGCTGTATCCTT
 GTCAGTGTGGGAAAAGTTTCACTCACAAGAGTCAGAGAGATCGGCACATGAGCATGCACC
 TCGGTCTTCGGCCTTACGGCTGTGGGTCTGCGGTAAGAAATTCAAAATGAAGCACCATC
 TCGTGGGCCACATGAAAATTACACAGGCATAAAGCCGTATGAGTGAATATCTGTGCAA
 AGAGGTTTATGTGGAGGACAGTTTCCACCGCATGTGACTTCTTGTAAGTCTACG
 AAGCTGCAAGGCTGAGCAGAATACAAGTGAAGCTAACTAAAAATAGGATCTGGCCCTTG
 AGTGGCATGCACAAAAATAAATATGGTAATTAATGCAATCTGGGCACAGATGATGCGT
 GCTACTTGCTATTATGAGAGAAGCTTAAAAAAAAAAGGAAGATATTTCTGAAAGACCAG
 CTAAGTAGGCCAATTAATAAATCTAATTCCTCAAATTTGTGTGTTCCAGTCTGGCCTG
 GAATGGGTAAATGGGTGAGTTAACCCACCGCCAGCTGGCAAGGGAACCTTCTGACTGG
 TTGTGATCGAAACAGGTGGACAGAGACCTGCACTTGGAAGTGGACTCCACCCACCAGT
 TCCATTTTGGGTGGCAGCAGCTTTGGATCACTCATTATTACAAGGTGATGCTGAAATTTT
 ATTTTGCTCTTGCTATAGATACTTAGGTAATGTGGATTGTTTTGGTAGCTATTTCACTG
 AAGGAAGTGCTACTTATATAAAGCTAGAAATAATGTGATTCCTAGGATGAGAAATTTGGT
 TAACAGAGCTCTGTTGTCTGGTTTTAGTCTTTCTAAAGGATATTTAACTAAAATATGG
 AGATGCTAAGAGAGTGACTTTCTAAATATGAAACAGATAATTTACGGTACAAGGCTGACA
 TAGTGCCCTTGTCAGTTTCTGTAAGATGCCACTACTGTCACAAGGTGTTTCAGACTCTTG
 ATAAGGCAGTGTTTTGTATTTAGTTCTAACATTGAGTTTGGACAATTTTATCTAATTGT
 AATTCTCTAGGTTGCCAGAGATAGGTATTTCTCATTGGTTTGCTTTCCCAATCTGTTT
 GGTTAATTGTAGCCTCCATACAGTGGGGTCTTCTCTGTGGCTGGTAGACCAAGCTGCT
 GTGACTGACCACGGTACCACGGGTGCCACAGCCCTGCTCTGTCTTAGATTATGGTGCT
 TTACAAAGAGAGTGGTCCATGACCACCTTAGTGAGAAGGAGCCACAAGTTGTGGCTGAG
 AGTTCCCTGTGAAGTGGTATGATGAGTGGTAAAGGTGAGTCTCCACCAACCAGAGT
 GAGAGGGCAGATAGGCAGGATTCTATGAGTGGTTATACTTAAGGGGGACAAAAGTCCCA
 AGAAGAATCTTGAGAATACACTTTTCAAGGTGGGGGAGATACTTTAGAGGTGAGT
 GAGCTAATACTACAGTTCTTTATGAGCACTGGAATGTGTTGTAAAAGGAGTCCTAAGT
 TTAGCAAGGTAGTCTACAGAACCATGCTCCACATTATAGATAAAGCTGCTTAACTTAA
 AAGTCCACAAAGCTACGCCGACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 A

Restriction Sites:	Please inquire
ACCN:	NM_014007
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_014007.2</u> , <u>NP_054726.1</u>
RefSeq Size:	2941 bp
RefSeq ORF:	1404 bp
Locus ID:	23099
UniProt ID:	<u>O43298</u>
Cytogenetics:	9q33.3
Domains:	BTB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Both variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.