

Product datasheet for **SC125658**

ZBTB12 (NM_181842) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB12 (NM_181842) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBTB12
Synonyms:	Bat9; C6orf46; D6S59E; G10; NG35
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_181842 edited
 CGCCACGCGGAGCCGGCCCCGCGCGCGCGCTCCCGTGCATCCCCGCGCCTGCGCGC
 TGCCACAGCCCTGCCCGTGTGTGGGGTTCGCTGCCGACCCCGGGGGGGTGGGAAAAA
 AAGGGATAAAAAACAGCGCGCGGAACCGGGCCAGGGTTGCCACCCCCGCCACAATGG
 CCTCTGGGGTGAAGTCTGCGCTTCCAGCTGCCCGCCACGAGGCCCAACGCTACGGA
 ACATGAACCAGCTCCGGGCAGAGGAGCGGTTCTGCGACGTGACCATTTGTGCCGACAGCC
 TCAAGTTTCGAGGCCACAAGTCACTTTGGCCGCTGCTCACCTTCTGCGGGACCACT
 TCCTGCTGAACCCAGCTCGGAGCTGCAGGTCTCCCTGATGCACAGTGCACGCATCGTGG
 CCGACTTGCTCCTCTCCTGCTACACGGGCGCCTTGAATTGCTGTTAGGGACATCGTCA
 ACTACCTTACAGCCGCTCCTACCTGCAGATGGAGCACGTGGTGGAGAAATGCCGGAATG
 CCCTCAGCCAGTTCATTGAGCCAAAAAGGCCTCAAAGAGGATGGGGTCACTGAGGCTA
 GCCTTGTGAGCAGCATCAGCGCCACCAAGTCCCTCCTCCCTCCAGCCAGGACCCAAAGC
 CAGCCCCAAGCCCCACCCACCTCCTACCCCTCCACTCCTGCGGCCAGTGAAGC
 TGGAGTCCCACTGGATGAAGACTTGGAGCTGAAAGCCGAGGAAGAGGATGAGGATGAGG
 ATGAGGACGTGTCTGACATCTGCATCGTCAAGGTGGAGTCGGCCCTGGAGGTGGCACACC
 GGCTCAAACCCCTGGAGGCTGGGAGGGGGTCTGGGCATTGGAGGCTCGTGGGTGGCC
 ACCTTGGGGAGCTGGCCAGAGCAGCTTCCCCCAGCACTGTAGCCCCACCGCAGGGTG
 TGGTGAAGGCCTGCTATAGCCTGTGGAAGATGCAGAAGGGGAGGGCCTGCTGTTGATTC
 CCGGAGGCCGGCCAGCGTGGGGCCACCTCGGGCCTGGTGAAGCAGCAGCGGTGGCCA
 TGGCTGCCCGGGGGCGGGGGCAGCCTGGGGCGGGGGCAGCCGGGGACCCCTGCCTG
 GGGGCTTCTCAGTGGAAACCCCTTAAAGAACATCAAGTGCACCAAGTCCCGGAAGTGT
 TCCAGGGCGTGGAGAAGCTGGTCTTCCACATGCGGGCGCAGCACTTCACTTTCATGTGCC
 CTCGCTGTGGCAAGCAGTTCACACACAGCAGCAACCTCAACCGCCACATGAACGTGCATC
 GTGGTGTCAAGTCAACTCGTGGCGCATCTGCGGCAAGTCTTACACAGAAAGTCCACCC
 TTCACGACCACCTCAACCTGCACTCGGGAGCGGGCCCTACCGCTGCTCCTACTGCGACG
 TGCGCTTCGCCCACAAGCCTGCCATTAGGCGGCACCTCAAGGAGCAACACGGCAAGACCA
 CGGCCGAGAAGCTGCTGGAGGCCAGTGTGGCCGAGATTAACGTCCTCATCCGCTAGCCGC
 GCAGGCGTGGAGGCCAGGAGGCTGGGGCCCTGGGCTGCGTGGAAAAAGGGCTCTTTGGC
 CCAGGAGAATTGGGGGTGGGGGTCTGGGGCAGAAAGGTAAGAGTGGGAGGCTGAGCAG
 ATGCACACATCCTGAGAGAGGAAGATGATTCCTTGGAGAGACTTGTCTTGGAGTGA
 AGAATCTGGAGCTGGGAAAGGGTCTTGGAGGCCAGGGGAATACGGGTCCCAGAGAAA
 GATTTCTTCTTAGAAGTGCATGTATATGTGGAGGGAGGGAAAAAGGGTCTATAGAAT
 GGGGGGAAA
 AAAAAAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_181842 unedited
 TTGGACGATCAGGTATTTGTAATACGACTTCACTATAGGCGGCCGNAATCANATCTGG
 TACCGGTCCGGAATTCGGGATCGCCAGCGGAGCCGGCCCCGCGCGCGCGCTCCC
 GTGCATCCCCGCGCTGCGCGCTGCCAGGCCCTGCCCGTGTGTGGGGTTCGCTGCCGAC
 CCCGGGGGGGGTGGGAAAAAAGGGATTAAAAAACAGCGCGCGGAACCGGGCCAGGG
 TTGCCACCCCCGCCACAATGGCCTCTGGGGTGAAGTCTGCGCTTCCAGCTGCCCGGC
 CACGAGGCCGCAACGCTACGGAACATGAACCAGCTCCGGGCAGAGGAGCGGTTCTGCGAC
 GTGACCATTTGGCCGACAGCCTCAAGTTTCGAGGCCACAAGTCACTTTGGCCGCTGC
 TCACTTCTGCGGGACAGTTCCTGCTGAACCCAGCTCGGAGCTGCAGGTCTCCCTG
 ATGCACAGTGCACGCATCGTGGCCGACTTGTCTCCTCCTGCTACACGGGCGCCTTGAA
 TTCGCTGTAGGGACATCGTCAACTACCTTACAGCCGCTCCTACCTGCAGATGGAGCAC
 GTGGTGGAGAAATGCCGGAATGCCCTCAGCCAGTTCATTGAGCCAAAAAGGCCTCAA
 GAGGATGGGGTCACTGAGGCTAGCCTTGTGAGCAGCATCAGCGCCACCAAGTCCCTCCTC
 CCTCCAGCCAGGACCCAAAGCCAGCCCCAAGCCCCACCCACCTCCTTACCCCT
 CCACTCCTGCGGCCAGTGAAGCTGGAGTTCCTACTGGATGAAGACTTGGAGCTGAAAGCC
 GAGGAANAGGATGAGGATGAGGATGAGGACT

Restriction Sites:	NotI-NotI
ACCN:	NM_181842
Insert Size:	2100 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:	NM_181842.1 , NP_862825.1
RefSeq Size:	1931 bp
RefSeq ORF:	1380 bp
Locus ID:	221527
UniProt ID:	Q9Y330
Cytogenetics:	6p21.33
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]