

Product datasheet for **SC128139**

ZBTB3 (NM_024784) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB3 (NM_024784) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBTB3
Synonyms:	FLJ23392
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC128139 sequence for NM_024784 edited (data generated by NextGen Sequencing)

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ATGCTTAGGGAGTTCTCGAAGTGGGGCGTAGAGGCATCGCCTGGCAAGGCCTGGGAGCGA
AAAAGATCTCTACTTCGTGGAGCCGTTGGACGCTACCGGGGAGCCACTGGTGGGGACCTT
TTTTGGGCCCCCTTTCCTTCGTGGGGTACTATGGAGTCCCAGAACACAGTCAGCAGCTG
CTGCAGAGCCTCCGGGAGCAGCGGTCCCAGGGTTTCCTTTGTGACTGCACCGTGATGGTG
GGTAGTACCCAGTTCCTTGGCCCATCGGGCTGTGCTGGCCTCCTGCAGCCATTCTCCAG
CTTTTCTACAAGGAGCGGAATTGGACAAGAGGGATCTGGTGTGTATTACAATGAAATT
GTCACAGCCCCAGCCTTTGGGCTGCTTCTGGACTTTATGTATGCTGGCCAGCTGACCCTG
AGAGGGGATACCCCTGTGGAGGATGTGCTGGCAGCTGCCAGTACTTGCACATGAATGAC
ATCGTCAAGGTGTGAAGCGGGCTTCAAGCCCGGGCCCTGGCAGAGGCAGACAGTACC
AAGAAGGAGGAGAAACCAACTCACAGCTTCTAGTTTGGAGTTTTTGTCTAGTACTTCC
CGTGGCACCCAACCTTCGTTGGCATCTGCTGAGACATCAGGCCACTGGGGCAAAGGGGAA
TGGAAAGGCTCTGCTGCTCCCTCACCTACTGTCCGTCCTCCAGATGAGCCACCAATGTCT
AGTGGGGCTGACACTACACAGCCTGGCATGGAGGTTGACGCACCACATCTGCGGGCACCT
CATCCACCAGTGGCTGATGTCTCTCTTGGCAGCCCTAGTAGCTCCACTGAGACCATTCT
ACAAACTACTTCTTCTTGGCATCTCAGCAGTTTCATTGGAGCCACTGCCATCTCTTGAT
GTGGGTCTGAGAGTCTGAGGGTGGTGGAAACAAAGGATCCTGGAGGACCCTGCAAGGC
TTCTATCCCCAGCCTCAGCCCCAACGTGAGCCCCAGCCCTGTCTCAGTCCAGTTCCA
TCCCAGGCTCCAGCCCCAGCTGAAGCTGAGCTGGTCCAGGTGAAAGTTGAAGCTATTGTG
ATCTCTGATGAAGAGACTGATGTGCAGATGAACAGCCTCAGGGTCTGAGAGAGCTTTC
CCATCTGGAGGAGCAGTGTATGGGGCACAGCCCTCCCAGCCAGAGGCTTTTGAAGACCA
GGGGCAGCAGGACTGGAGGAGTGGGGCCAAGTACCATTCTGCCAACAGACCCTCAT
CTACCCTACCATCTGCTGCCAGGTGCAGGCAGTATCATCGAGGACTGGTACCTCACCT
CTGCCTGCACCCGCATCCCTGCATGAGCCACTTACCTGTCTTCTGAGTACGAAGCAGCT
CCAGGAAGCTTTGGGGTTTTACTGAGGATGTTCCACCTGCAAGACATGTGGGAAGACC
TTCTCATGCTCTTACACACTACGGCGACATGCCACGGTGCACACAGTGAGCGACCCTAT
GAGTGCCGCTACTGCCTGCGGAGCTACACGCAGTACAGGGACCTTACCGCCACATCCGC
AAGGCTACAATGAGGACCTGGCCAAACGCAGCAAACAGATCCAGAAGTGGGACCCCTT
CTAGGGGTGCAGCCTCTCCCTGGCTCCCCAACAGCAGACAGACAGAGCAGCAGTGGTGA
GGCCACCTAAAGATTTTGTATTGGCCCCAAAACTAACATCTAA
    
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Clone variation with respect to NM_024784.3

5' Read Nucleotide Sequence: >OriGene 5' read for NM_024784 unedited

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NGTTCGGAATTTGTACACTTTCATATAGGCGGACCGCGAATTCGCACCANATCAGCTTTC
TCCGCTAGTTCACCCCTGGTAGTCCTTAGCCCTGGAATGCGTGAGGGAGATGCTTAGG
GAGTTCTCGAAGTGGGGCGTAGAGGCATCGCCTGGCAAGGCCTGGGAGCGAAAAAGATCT
CTACTTTCGTGGAGCCGTTGGACGCTACCGGGGAGCCACTGGTGGGGACCTTTTTTGGGCC
CCCTTTCCTTCGTGGGTAATATGGAGTCCCAGAACACAGTCAGCAGCTGCTGCAGAGC
CTCCGGGAGCAGCGGTCCCAGGGTTTCCTTTGTGACTGCACCGTGATGGTGGGTAGTACC
CAGTTCTTGGCCATCGGGCTGTGCTGGCCTCCTGCAGCCATTCTTCCAGCTTTTCTAC
AAGGAGCGGGAATTGGACAAGAGGGATCTGGTGTGTATTACAATGAAATGTGCACAGCC
CCAGCCTTTGGGCTGCTTCTGGACTTTATGTATGCTGGCCAGCTGACCCTGAGAGGGGAT
ACCCCTGTGGAGGATGTGCTGGCAGCTGCCAGCTACTTGCACATGAATGACATCGTCAAG
GTGTGTAAGCGGGCGGCTTCAAGCCCGGGCCCTGGCAGAGGCAGACAGTACCAAGAAGGAG
GAGGAAACCAACTCACAGCTTCTAGTTTGGNAGTTTTGTCTAGTACTTCCCGTGGCACC
CAACCTTCGTTGGCATCTGCTGAGACATCAGGCCACTGGGGCAAAGGGAATGGAAGGAGC
TCTGCTGCTCCCTCACTACTGTCCGTCCTCCAGATGAGCCACCATGTCTAGTGGGGCTGA
CACTACACAGCCTGGCATGGGAGTTGACGCACCAAATTTGGGGGCCACTCATCCACCAGT
GCCTGATGTCTCTTGGCC
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_024784 unedited TCTGTTAAAATCTTTTTTTTTGGGTAACCTAAGTTCAACTTTTCATTATTATTTTATAGTG ACAGGCAGGCCTCACTATGTTGCCAGGCTAATCTGTAACCTCCTAGCCACAAGCGATCCT TCACCTCAGCCTCCCAAAGTGCTGGGAGAACAGGCATGAGCCACCCCAACAGCCCTTCAA ACAATGTTGTTTTTTTTTTTTTTTTGAGACAGAGGCTCACTCTTGGTGCCAGGTTGGA ATGCAATGATGCGATCTCGGGTCACTGGAACCTCCGCCTCCAGGTTCAAGCAATTCTCC TGCCTCAACCTCCTGAGTAGCTGGGAGGTGGAGATGGGCGGATCACGAGGTCAGATCTGT CAGAAGATCGAGACCATCCTGGCTAACACGGGGAAACCCCTGGCTCTACTAAAAATCAAAA AAAATTAGCCAGGCATGGTGATAGGCGCCTGGAGTCCCAGCTACTCGGGAGGCCGAGGCA GGAGAATGGCGTGAATCGGGGAGGCTGAGCTTGCAGTGAGCCGAGATCGCGCCACTGCAC TCCAGTCTGGGTGACAGAGTGAGACTCTGGCTCAAAAAATAAAAGATTAAAAAAAAAA AGGGTAGGAACCTTCAGCCTGGGAGAGCCTTTATTCCTGTACCCAGCAGGGGTGATAA GGGGCCACCAACCTTTGAAGCTGCCCTTAAGGTGGGATAGAACAGCCTAACATCAACT CATGCCCCCTAAAAGGTAATTTTGGGGGCCCATACCAAATCTTAGGTGGGGCCTCCCC ACTGGTTGCTCTGTCTGGCTGGTGGTGGGGACCCGGGAAAAGCTTGGACCCCTAGAAA A
Restriction Sites:	NotI-NotI
ACCN:	NM_024784
Insert Size:	2650 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_024784.2 , NP_079060.1
RefSeq Size:	2948 bp
RefSeq ORF:	1725 bp
Locus ID:	79842
UniProt ID:	Q9H5J0
Cytogenetics:	11q12.3
Domains:	BTB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]