

Product datasheet for **SC123033**

ZBTB37 (NM_032522) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZBTB37
Synonyms:	D430004I08Rik; ZNF908
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032522 edited
 CCACCCCGGAGCTCTCACCCCTCCAGTGCCGACGGTAGCGAAAGACTTTCCTCCAGGGG
 CTTCTCACTGGGGAATTGCCGGAAGAGCAAACAAAAAGGCGCTGGTGTAGGCTCCAA
 AATAAACACATCTGAATTCATGATGGCATCGACAGAGGCTCTTATTGGATTAAAGTTTC
 AAAACAAACAATAACGCTTTGGAAAAAGGGTTGAATGCACCCTCAGGCACGACCATGGAG
 AAAGTGGGAACATACAATTGGAGATTCCTGACTTCAGCAACTCTGTCCTGAGCCATCTA
 AACCAGTTGCGCATGCAGGGCCGTCTCTGTGATATTGTGGTCAATGTGCAAGGACAAGCT
 TTTCGGGCTCACAAAGTGGTGCTGGCTGCCAGCTCCCCCTATTTCCGGGATCACATGTCC
 TTGAATGAGATGAGTACAGTCTCCATTTCAAGTCATCAAGAACCCTACTGTTTTGAACAG
 CTCCTTTCTTTCTGTTACACAGGGCGGATATGCCTGCAACTGGCAGATATCATCAGCTAC
 CTAACAGCTGCCAGTTTTCTGCAAAATGCAGCATATTATAGACAAATGTACACAGATCCTG
 GAGGGCATTTCATTTCAAATTAATGTGGCTGAGGTTGAAGCAGAATTAAGTCAAACAAGG
 ACAAAGCATCAAGAGAGACCTCCAGAGTCTCACAGGGTTACACCAAATCTCAACCGCTCC
 CTTAGCCACGACATAATACCCCAAAGGGAACCGGCGAGGTCAGGTTAGTGCTGTGCTG
 GATATCAGAGAGCTAAGTCCTCCTGAGGAGTCCACCAGCCCTCAGATCATTGAACCAAGT
 TCTGATGTAGAGAGCCGGGAGCCATTCTTCGGATCAACCGAGCAGGACAGTGGTATGTG
 GAGACAGGAGTGGCGGACCGTGGGGTTCGGAGTGATGATGAAGTTAGAGTTCTTGAGCA
 GTACACATCAAACTGAAATCTGGAGGAGTGGCTTGGGCTGAGAATCAGCCTTCTGGA
 GAAGATGGGAGTAGTGACAGGGAAGTAACAGCCATGGTGATTGATACCAGGCCATGGT
 TCTGTAGGACAGGAAAATTATACTTTAGGGTCTTCAGGAGCCAAGGTGGCTCGGCCAACA
 AGCAGTGAAGTTGACAGATTTAGCCCTCCGGCAGTGTGTTCCCTTGACAGAGAGACAC
 AGAGCCAGAAGTGAGTCTCCTGGGAGAATGGATGAGCCTAAGCAACCCAGCTCCAGGTA
 TGGAGTTGTGATTAGAACTGCTTTGGTGGTTGGAGGAATTGCTACTGTGTATGAATAG
 AAAATAATGAAAAAAAAAAAAAAAAAAAA



5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032522 unedited <pre> AGTTCAACAATTTGTAATACGACTCACTATAGAGGCGGGCCGCGNAATTTCCGGCACGAGGG CCCACCCCGGAAGCTCTACCCCTCCAGTGCCGACGGTAGCGAAAGACTTTCTCCAGG GGCTTCTCTACTGGGGAATTGCCGAAAGAGCAAACAAAAAGGCGCTGGTGTAGGCTCC AAAATAAACACATCTGAATTCATGATGGCATCGACAGAGGCTCTTATTGGATTAAGTT TCAAAACAAACAATAACGCTTTGGAAAAAGGGTTGAATGCACCTCAGGCACGACCATGG AGAAAGGTGGGAACATAACAATTGGAGATTCTGACTTCAGCAACTCTGCTGAGCCATC TAAACCAAGTTGCGCATGCAGGCGCTCTGTGATATTGTGGTCAATGTGCAAGGACAAG CTTTTCGGGCTCAGAAAGTGGTGGCTGCCAGCTCCCCCTATTTCCGGGATCACATGT CCTTGAATGAGATGAGTACAGTCTCCATTTCACTCATCAAGAACCTACTGTTTTTGAAC AGCTCCTTTCTTTCTGTTACACAGGCGGATATGCCTGCAACTGGCAGATATCATCAGCT ACCTAACAGCTGCCAGTTTTCTGCAATGCAGCATATTATAGACAAATGTACACAGATCC TGGAGGGCATTCTTTCAAATTAATGTGGCTGAGGTTGAAGCAGAATTAAGTCAAACAA GGACAAAGCATCAAGAGAGACCTCCAGAGTCTCACAGGTTACACCAAATCTCAACCGCT CCCTTAGCCACGACATAATACCCAAAGGGAACNNCGAGTCAGGTTAGTGCTGTGC TGGATATCAAAGAGCTAAGTCCCTCTGAGAGTCCACAGCCCTCAGATCATTGAACCAA GTTCTGATGTAGAGAGCCGGNAGCCATTTCNNTCGATACCGAGCAGACATGGTATT </pre>
Restriction Sites:	Please inquire
ACCN:	NM_032522
Insert Size:	1216 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_032522.2</u> , <u>NP_115911.1</u>
RefSeq Size:	1347 bp
RefSeq ORF:	1086 bp
Locus ID:	84614

UniProt ID: Q5TC79

Cytogenetics: 1q25.1

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (2) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (b) has a shorter and distinct C-terminus compared to isoform a. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.