

## Product datasheet for **SC115801**

### ZBTB25 (NM\_006977) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB25 (NM_006977) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBTB25
Synonyms:	C14orf51; KUP; ZNF46
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006977, the custom clone sequence may differ by one or more nucleotides

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ATGGACACTGCCAGCCATAGCCTTGTTCTTCTCCAGCAGCTGAACATGCAGCGAGAATTTGGTTTTCTGT  
GTGATTGCACAGTTGCAATTGGAGATGTTTACTTCAAAGCCCACAGAGCAGTGCTTGCTGCTTTTTCTAA  
CTATTTCAAGATGATATTTATTCACCAACAAGTGAATGCATAAAAAACAACCAACTGACATCCAACCT  
GACATATTCAGCTATTTGTTGCACATTATGTACACGGGGAAAGGGCCAAAACAGATTGTGGATCATAGTC  
GTTTGGAGGAAGGGATTGATTTCTTACGCGGACTACCTTTCTCACATTGCAACTGAAATGAATCAAGT  
GTTCTCACCAGAGACTGTGCAGTCCTCAAATTTATATGGCATTGAGATCTCAACAACCCAAAAAACAGTT  
GTCAAACAAGGACTGGAGGTCAAAGAAGCTCCTCCAGTAACAGTGAAACAGAGCTGCTGTCCAGGGTG  
ACCACCCCGAGTTGCAGTTGCTCTTGCTATTGGTCTGGATGATGGCACTGCAGACCAGCAGAGGGCCTG  
TCTGCCACCCAGGCCCTGGAGGAGCACCAGAAGCCCCAGTTTCCATCAAGCAGGAGAGATGTGACCCA  
GAATCTGTGATCTCCAGAGCCACCCCTCACCCCTCATCAGAGGTGACAGGCCCACTTTTACTGAAAACA  
GTGTCAAATACACTTATGCCATTACTGTGGGGAACGTTTTGATCCCGTAGAACCTAAGGCAACATCT  
CCATACACATGTGTCTGGATCCCTGCCATTCGGTGTCCCTGCTTCCATTCGAAAGTAATGACCTTGGT  
GAAGTGCATCCCCTTAATGAAAACAGCGAGGCCCTTGAATGCCGAGGCTCAGCTCCTCATTGTTAAGG  
AGAATGAACAGCAGCCAGACCACCAACCGGGTACCACAGAGCCTTTGCAGATCAGTCAAGTATCTTT  
GATCTCCAAAGACACAGAGCCAGTAGAATTAACCTGTAATTTTTCTTTTCAAGGAAAAGAAAAATGAGC  
TGTACCATCTGTGGTCATAAATTCCTCGAAAGAGCCAATTGTTGGAACACATGTATACACACAAAAGGTA  
AATCTTACAGATATAACCGATGCCAAAGTTTTGGTAATGCATTGGCCAGAGATTTAGCCATACTGTGA  
CAGCTGGTCTGATGTCTCCCTGAAAAGTTCTCGCTGTGACAAGAACACTTAGACTTGCCTTGTGCCTTA  
GAGTCAGAGCTCACACAAGAAAATGTGGATACTATCCTAGTTGAGTAG
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_006977 unedited GTTCAAATTTGTATACGACTCATATAGGGCGGCCGCAATTCGCACGAGGCACGCGGTCA CGTGGGGCCATCGCGGGCTGCCGGCGGGGAAGCCGCGGAGAGGCGGCCGAGGGGTGCG TGAGCCGGCGCCACTGCTTGCACTGCGCGGCTTGGGAGCCCGCCCTCTGCACGGAGGA GTCGGCCTGCCCGCGGGCGGCATCTGGAACACAATGGACACTGCCAGCCATAGCCTTG TTCTTCTCCAGCAGCTGAACATGCAGCGAGAATTTGGTTTTCTGTGTGATTGCACAGTTG CAATTGGAGATGTTTACTTCAAAGCCACAGAGCAGTGTGCTGCTTTTTCTAACTATT TCAAGATGATATTTATTACCAAACAAGACAGCAAATCACCCACCTTGAGGTCATAAAGG AGCTGGAAGCTGCTGGGTGCTTGTGCTGCTCTCTGGACGCCTGAGCCAGGGCTAAGGCA CCCTTGCCCTTCTGCCAGTGAGTGCCTTACGGCATCAAAAGCCCATGTTCTCTG GAAAGGCGGCTGATGAGGTCCAGCTCAGACTCTGTATCCGTCTANTAAGGAAGCATTTC ATATCANAGCATGAAAAATGGCTGGAGAGACAGAATTGTCTNTCTTTGCCATTAACCT CATGTGAATTACCCACTGATNAACGAACACCTACCAAGAAATTTGGCCTGGGTTTGAAT CTCAGCTCCGAACTTACTAGCTGGTGACTTTTGGNCCAGTACCNTAATCTTATGTGCT CAATTTCCACCCTGGTAATACGCGGATAATCACAGCACTTATTTTCATTGGGGACGTTAT GAGACTCAGATGGTAAATCCATGTAAAATACTTGAAAATTCNAGCCTTCNAAAGGGAT CAGTAATACTAGCATTTAAAATTTGCTGGCTGGGCGCGGTGGCTTAAGTAAAT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_006977
<b>Insert Size:</b>	2550 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_006977.2</a> , <a href="#">NP_008908.2</a>
<b>RefSeq Size:</b>	1609 bp
<b>RefSeq ORF:</b>	1308 bp
<b>Locus ID:</b>	7597
<b>UniProt ID:</b>	<a href="#">P24278</a>
<b>Cytogenetics:</b>	14q23.3
<b>Domains:</b>	BTB, zf-C2H2
<b>Protein Families:</b>	Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: Variants 1, 2, 6, 7, 8 and 9 encode the same isoform (a).