

Product datasheet for **SC100160**

ZNF501 (NM_145044) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF501 (NM_145044) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF501
Synonyms:	ZNF; ZNF52
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145044, the custom clone sequence may differ by one or more nucleotides

ATGAATTCCAGCCAAATATCACTCAGAATGAAACATGGGAGAGTTAACATGCAGAAGAAACCTTCAAAGT
 GTAGTGAATGTGGGAAGTTCTTTACTCAGAGATCATCTTTACCCAGCACCAGAGGATTCACAGAGGAGA
 GAAGCCCTATGTGTGCAGTGAATGTGGAAGTTGTTCCGTAAACAGTCAAATCTTACTCAACATCTGAGA
 ATTCATACCGGAGAGAAACCTTATAAATGTAATGAATGTGAGAAAGCCTTTCAAACAAAAGCAATTCTTG
 TTCAGCATCTGAGAATTCATACTGGAGAGAAACCTATAAATGCAATGAATGTGGAAAAGCCTTTTGTCA
 GAGCCCATCCCTTATTAACACCAGCGAATTCATACTGGAGAGAAACCATATAAATGTACAGAATGTGGC
 AAAGCCTTCAGTCAGAGCATATGCCTTACTCGTCATCAGAGAAGTCATTCTGGAGATAAACCTTTTAAGT
 GTAATGAATGTGGGAAAGCCTTTAATCAGAGTGCATGTCTCATGCAGCATCAGAGAATTCATTCAGGAGA
 GAAGCCCTACACATGCACTGAATGTGGTAAAGCCTTCACTCAGAACTCTTCCCTTGTTGAACATGAAAGG
 ACTCACACTGGAGAGAACTTTATAAGTGTAGTGAGTGTGAAAAAAGCTTTCCGCAACAAGCACACCTTA
 GTGAGCATTACAGAATTCATACTGGAGAAAAACCTTATGAGTGTGTTGGATGTGGGAAATCCCTTTAGGCA
 CAGTTCAGCACTTCTTCGACATCAGAGGCTTCATGCTGGAGAGTAA


[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_145044 unedited
 TGTACTACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGAGAGAGAGAGGGGAG
 CGCCGCGGGGAGCGCCGCGGGAAGCGCATGTGCCTCAAATTCCTGCCTTCTCAAGAGA
 AGAGCCCCCAGGAGAAAAAGCCAGTATTGCTTGCTCCTAACAACCTGTCTTTGAGAGG
 CTGATCATCAGGGGTTCACTTTTCAGAGAAGTTGAGAATGCAGGCTGAACAAGGAAGAGGA
 AGGGGAATCCTGCAGGGATGAATGAGAGGACAGCAATGCATGTGTGATGTGTGTGAGCAC
 ACACACACAGTAACCTTTCTAGGAGAACTGTATTACTCTAATGATAATCACCTTTGAGG
 AAAAAAACTTGTAAAGTATGAATTTGGTGTACAAGCAGCATGAATTCAGCCAAATATC
 ACTCAGAAATGAAACATGGGAGAGTTAACGTGCAGAAAGAAACCTTCAAAGTGTAGTGAATG
 TGGGAAGTTCTTTACTCAGAGATCATCTTTACCCAGCACCAGAGGATTCACAGAGGAGA
 GAAGCCCTATGTGTGAGTGAATGTGGAAGTTGTTTCTGTAAACAGTCAAATCTTACTCA
 ACATCTGAGAATTCATACCGAGAGAAACCTTATAATGTAATGAATGTGAGAAAGCCTT
 TCAAACAAAAGCAATTCTTGTTTCAGCATCTGAGAATTCATACTGGAGAGAAACCTNATA
 AATGCATGAATGTGAAAAGCCTTTTGTGAGAGCCATCCCTTATTAACACCAGCGAAT
 TCATACTGGNAGAGAACCATATNAATGTACAGAATGTGGCAAAGCCCTCAGTCAGAGCAT
 ATGCCTTACTCGTCATCAGAGAAGTCATTCTGGGAGAAAACCTTTNTAGTGTNATGAATG
 TGGNAAAGCCTTAATCAGAGTGCATGTCTCATG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_145044 unedited
 GACGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGGTGGGGGAAAGACTTT
 ATTTACTGATACAGAACAATCTGTGAGATGGTTTAGTCTTTAAAAATGGACAACTGTGT
 ATATTATGCTACCATTTCTTTAAAAAAGAAAAAAGAAAAAAGTAAAGAGAAGGAAT
 CAAGGATTGAGAAAATAAGCCACAGCCTGGGAGGAAAATATTTGCAAAAGACCTATCTGA
 TAAAGGTCTGTTATACAAAATATACAAGGAACACTTAAATTCACAATAGAAAATGAG
 CAATCCAATTAATAATGGGCAAAACCTCTAACAGATACCTCACCAAGCTATACAGATGG
 CAAACATATGAAAAGATGCTAAATTCATATATTATTGGTGAATGCAGATTAACAAT
 AATACCACTACATACCTATTAGAATAGTTAAATCCGACCAGATGTGGTGACTCACACCT
 GTAATCCCAGCACTTTGGGAGGCTGAGGAGGCGGATCACTTGAGGTGAGGATTCGACA
 CCCACCTGGCCACCTGTGTCTGGTTTTTCACAGATTTGGCATCTCACACCAACAGGAAGGT
 TCAATGGTGGGAAATTACCTGTATGTGACTTTGGTATTATATAAACCAGAACTGGCAATC
 TATAAAGATATAGATTTGAGATTCAATTCTGACATTACCTGCTTGACTTTGAGCAAGTCA
 AACATCTTCTCTTTTCTTGGTCTGACTCTNAGATGTGAATAGTAAGTCTACCTTTTCTGCA
 GGTGCTTTTAGCGTTAGAAGTGTGTTTACATTAAAGAGCTAACATAGCCTAAAGCTC
 CATCAAAGTTTCTTGATTCTTTGCTTTTCAGGGCTTTATGAGNCATTAGCACTCAACCC
 ACAGCATCCCCAGAACTGGTCTCCTTCTGAAAGTGCTAGTGTATACAGGCAACATTG
 CTGGACCGGATCTAAATCTTTACCTCATCTCCT

Restriction Sites:

NotI-NotI

ACCN:

NM_145044

Insert Size:

3300 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.
RefSeq:	<u>NM_145044.1, NP_659481.1</u>
RefSeq Size:	3107 bp
RefSeq ORF:	789 bp
Locus ID:	115560
UniProt ID:	<u>Q96CX3</u>
Cytogenetics:	3p21.31
Domains:	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 shorter transcript. Variants 1 and 2 encode the same protein.