

Product datasheet for **SC101281**

ZNF502 (NM_033210) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF502 (NM_033210) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF502
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033210, the custom clone sequence may differ by one or more nucleotides

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ATGTTGAATATGCAAGGAGCTGAAGAGAGAGACATTAGAAGAGAGACTTGTCAGGCTGGGTAACAAGA  
ACAAGCCTGCTCTGGAGCAGGATGTCTGTAAAAATTGACTCATCAGGGATAGTAGTAAAGAGGTTCCAAGA  
GGATGAATACCAAGATTCTACATTTGAAGAAAAATATGCATGTGAGGGCATGAAGGAAAACCTCTCCTAGG  
GAGATTGCTGAATCATGCCTTTTCCAGGAAGGAGGTTTTGGGAGAATAACTTTTCACCAAGAAGGCAC  
CCCTGAAATTATTAGTCAAGGATATAATTTTGAGAAAAGCTTGCTTTTGACCTCAAGCCTTGTTACACG  
TCTCAGGTTTTCTACAGAAGAGAGTCTGCATCAGTGGGAAAACAAGTAATATACAAACCAATGATATTTCA  
GACCAAAGTAAATGTCCAACCTCTCTGCACACAGAAAAATCTTGAAATGTAATGAATGTGGAAAAACCT  
TACTCAGAGCTCATCCCTTACCCAACATCAGAGAACTCATACTGGAGAGAGACCCTACACATGTGAGGA  
ATGTGGGAAAGCCTTTAGTCGTAGTTTCTTCTTGTCAACATCAAAGAATTCACACTGGAGTGAACCA  
TATGGATGTGAGCAGTGTGGGAAACATTTTCGATGTGATCATTCTTACTCAGCATCAAAGAATTCACA  
CTGGAGAGAAACCTTATAAATGCAATGAATGTGGGAATTCCTCCGCAATCACTCACATCTCACTGAACA  
CCAGAGAATTCACACTGGAGAGAAACCTTATAAATGCAATAGGTGTGGGAAAGGCATTCAATCAGAATACA  
CACCTTATTCATCATCAGAGAATTCACACTGGTGAAGCCTTACATATGCAGTGAATGTGGCTCTTCTT  
TTGAAAAACACTCAAATCTTACGCAACATCAGAGAATTCACACTGGGAAAAACCCATAAATGTGACGA  
ATGTGGGAAAAACTTTCCAAACAAAGGCAAACTCTCTCAGCATCAGAGAATTCATAGTGGAGAGAAACCC  
TATAAATGTAAAGAAATGTGGCAAAGCCTTTGTGAGAGCCATCTCTTATTAACACCAGCGAATTCATA  
CTGGAGAAAAACCATATAAGTGTAAAGAATGTGGCAAAGCGTTTACTCAGAGCACCCCACTCACTAAACA  
TCAGAGAATACATACAGGGGAGAGACCCTACAAATGCAGTGAATGTGGTAAAGCCTTCATTCAGAGCATT  
TGCCTTATTCGGCACCAGAGAAGTCACACTGGAGAAAAACCTATAAATGCAATGAATGTGGAAAGGGCT  
TTAATCAGAACACCTGCCTCACTCAGCATATGAGAATTCATACTGGAGAGAAGCCCTATAAATGTAAGA  
ATGTGGGAAAGCCTTTGCTCATAGCTCATCTTACTGAACATCATAGAACTCACACTGGTGAAGGCTC  
TATAAATGTAGTGAGTGTGAGAAAAACCTTCCGCAAGTATGCACACCTTAGTGAACATTACAGAATTCACA  
CTGGTGAAGCCTTATGAGTGTATTGAGTGTGGAAAGTTCTTCAGACATAGTTCAGTCCTTTTCAGACA  
TCAGAACTTCACAGTGGTACTAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_033210 unedited
 CTCACTATAGGGCGGCCGGAATTCGGCACGAGGAAGGCTGGTGTCTGGCCCCAGTCCA
 CCTCTGGGAGCGCCTGCGCCGCTCCGCGGAGAGTCCGTGGATCTCACAGGTTCCAGTTT
 TCCAGACCTGAAGTGTTCCTCAATCAAAGCGAAGAGACGATCTGTGGATGTTGAATATGC
 AAGGAGCTGAAGAGAGACATTAGAAGAGAGACTTGTCCAGGCTGGGTAACAAGAACA
 AGCCTGCTCCGGAGCAGGATGTCTGTAAAATTGACTCATCAGGGATAGTAGTAAAGAGGT
 TCCAAGAGGATGAATACCAAGATTCTACATTTGAAGAAAAATATGCATGTGAGGGCATGA
 AGGAAAACTCTCTAGGGAGATTGCTGAATCATGCCTTTTCCAGGAAGGAGGTTTTGGGA
 GAATAACTTTCATCCACAAGAAGCACCCCTGAAATTATTAGTCAAGGATATAATTTT
 GAGAAAAGCTTGCTTTTGACCTCAAGCCTTGTACACGCTCAAGGTTTCTACAGAAGA
 GAGTCTGCATCAGTGGGAAACCAAGTAATATAACAACCAATGATATTTCCAGACCAAGTA
 AATGTCCACCTCTCTGCCACAGAAAAATCTTGGAATGTCACGAATGTGGAAAACCT
 TTAAGTCCAGCTCACCCCTTACCAACATCAGAGAACTATACTGGAAAGAGACCCACGCTG
 TGAAGAATGTGGAAAAGCTTTATCCGACTTTTTCTTGCCCTCAAGATTCCCCTGAAT
 GCACCTTTGGTTGACACCGGGAACCTCTCCGGCCCCCCTTGCCCCGCACGGACCC
 CGTTCCCCAACCTTCCCCCCTTTCCCCCTTCCCCTTTTTTCCCCCATTTCCTT
 TTCTCCCCCTTCTTCCCTCCGCTTTCACCTCCCCTTCCCCCCTTCCGCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_033210 unedited
 GCGGCCCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTCAACTTAATTTAGTGT
 TAATAGCCATACTTTAAAATGCTATAAATTCACAGCTTAGAAATTTTAAATACCA
 ATCAAAGGCTATCCTCAATCTTCTGAAGCTCAATTTCTGGGTAGCAGTTAAGAATGAA
 AGGAATTTGGGAAATAAAGGGAAAATATGTCAATTTCTCAAAGAATAAAACTGTC
 ACAGTCAGTAGCAAAATGTGCTATCCTGATTTTCAGGGATTTGAAAAAGATTCTTTAGA
 AGTCTTTCAAAGTCATCCACGACAAATGTCACTTTCTTAAGCAGCCCAATGTCCAA
 CCAACTGAAAATCTTTCTTCTTACTACTAATGCTTTCTCCTAAAGACCAACAACTA
 AGTACCTTTTGTAGGACATTGTAGTCTAGTGTCTCTCTCTCTGCTCTGTGTGAT
 ACCAACAGCCTTAGGCAAACTTACAATAGACAGGTGTACACCTTAGTACAGGCAGGNTAT
 GTAGGTGACTTGCTCAGTCACATGCAGGCTTCTGTTCTGAGTCTTACTCTAGCAGA
 CCATTTCTTCTGGGTACCATATTTCTCTGAGATGATATTGAGTCTTCTGTTTCTCT
 GAACAGTTGACTGCCTCCCCATAACAGTATCATGAATTTACTCTGGCCTCCTATTTCA
 TTCTTACTCTGAGTCACCTCAGGCTTGGAGAATCAGGAAAGACCTTACCCTGATAA
 TGAAAGGAAGCCTTTCTTACTGGCCAGATCTATAAAGGTCAACCCANNTGTTGCCTTA
 ATTCCCATTTTTTAATGACAGCATTGGGATTTTTTTTTTTTTTTGGGCTAACCTGN
 TCGGGCCCTTTTACAGAACACCTCCAAGGTGGGACCCTCCCCATGGTACAGTGGACGG
 GTGCCTCAATTGGAGGGTAACCTAACCCACTAACCTGGCCACTCTACCTGCGGCAG
 TGTTTAGAAAACTTCCACCC

Restriction Sites:

NotI-NotI

ACCN:

NM_033210

Insert Size:

3200 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: [NM_033210.3](#), [NP_149987.2](#)

RefSeq Size: 3285 bp

RefSeq ORF: 1635 bp

Locus ID: 91392

UniProt ID: [Q8TBZ5](#)

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) differs in the 5' UTR, compared to variant 5. Variants 1-5 encode the same protein.