

Product datasheet for **SC112608**

ZNF295 (ZBTB21) (NM_020727) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF295 (ZBTB21) (NM_020727) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF295
Synonyms:	ZNF295
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_020727, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGGATTACTGCATTACATCAACCCTGCACAGCCATTTCTCTCCTAAGTGCCTGAATGAGGAGC
GTCTCAAAGACAGCTGTGTGATGTGCTGCTGATTGTTGGAGACCAAAAGTCCGAGCTCATAAAAAACGT
CTTGGCTGCCAGCAGCGAATACTTTCAGAGTTTATTCACAAATAAGGAAAATGAGTCACAAACTGTATTT
CAGCTTGACTTCTGTGAGCCAGATGCTTTTGATAATGTTTTAAACTACATTTATTCTTCCCTCTATTGG
TTGAGAAGAGCAGCCTTCTGCTGTGCAAGAAGTTGGCTATAGTCTTGGGATTTCTTTCTGACTAACAT
CGTTTTCTAAAACACCTCAAGCCCCCTTCCAACGTGTCCTAATAGAAAAAAGTGTTTGTAGAAGATGAT
GAAAACAGTTCTCAAAGAGAAGTGTGCTGTTTGTCAAAGTAGAAACGAAGCGCAAGGAAAAACTGTTA
GTCAAATCAACCCGATGTAAGCCATACTCCCGGCCCTCTCCTAGCATTGCAGTCAAGGCCAATACCAA
TAAGCCACATGTCCAAAACCAATAGAACCCTTCATAATTTGTCATTAAGTAAAAGAGTTGGCCGAAA
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ATTAAGAAGGCCCTGATCATTAAAGTTAAGGCGCGCAAGCCTGGTTTTCCAGGGACAGAGTAGCTCCCAAG
CACAGCAAGTCATCAAGAGGAACTTGAGATCTCGAGCCAAAGGAGCTTACATTTGTACTTACTGCGGAAA
AGCGTACCCTTTCTCTCAATTTAAGCAGCATATAAAATGCATCCAGGAGAAAAACCCCTTGGAGTA
AATAAAGTTGCTAAACAAAAGAGCATGCTCCTTGAAGTCCAGTAGAAAAACAAGGAGGTTTACCAGT
GCCGCTCTGTAATGCTAAGCTCTTCTCTCCTAGAGCAAGGAAGCCACGAGCGGCTGTGCCGAAACGC
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AGGTTGAAGTCCATAATCAGAACAACATGGCACCCACCGAAAATTTTTCTTTGCCGTTTTGGACCACAA
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AGAAGAGGACCCGAGGCCAGCAGACGCCCCAAAGAAGCGGGTCTAGCAAAGAAGCCAGCCTGTGGCCC
TGCGAGAAGTGTGGGAAGATGTTACGGTGCATAAAGCAGCTGGAGCGTACCAGGAGCTTCTGTGCTCTG
TGAAACCATTTATTTGTCAGTGTGCAACAAAGCTTTTCGCACTAATTTTCGACTCTGGAGTCACTTCCA
ATCGCACATGTCTCAGGCTTCAAGGAATCGGCACATAAGGAATCTGAGGTGTGCCCTGTCCCACAAC
TCTCCCTCTCCACCACCTCTGCCACCGCCACCACCTGCCAAGATCCAGCCTCTGGAGCCTGACAGCC
CCACAGGCTGTCCGAAAACCAACTCCAGCCACAGAAAAACTGTTTGTGCCCAAGAATCAGACACCCT
TTTTTACCATGCCCCACCCCTTTCAGCAATCACATTTAAAAGACAGTTTATGTGTAACCTTTGCCACAGG
ACATTCAGACTGCATTTAGTCTTTGGAGTCACGAACAAACACACAATTGA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_020727 unedited TTTCAAATTTGTAAATACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGCGGCTG CGGCGCGCGAGCCGAGTGTGAGCGGAAAGGGGCCGCGTCTGCCTCGAGACTGAAGA CCGATAAACTCAAGCCATGGAGGATTACTGCATTACATCAACCTGCACACGCCATTTT TCTCCTAAGTGCCTGAATGAGGAGCGTCTCAAAGGACAGCTGTGTGATGTGCTGCTGAT TGTTGGAGACAAAAGTCCGAGCTCATAAAAACGTCTTGGCTGCCAGCAGCGAATACTT TCAGAGTTTATTCACAAAATAAGGAAAATGAGTCACAACTGTATTTTCAGCTTGACTTCTG TGAGCCAGATGCTTTTGATAATGTTTTAACTACATTTATTCTTCTCTCTATTTGTTGA GAAGAGCAGCCTTGCTGCTGTGCAAGAAGTGGCTATAGTCTTGGGATTTCTTTCTGAC TAACATCGTTTCTAAAACACCTCAAGCCCCCTTCCAACGTGTCCTAATAGAAAAAAGT GTTTGTAGAAGATGATGAAAACAGTTCTCAAAGAGAAGTGCATTGTTTGTCAAAGTAG AAACGAAGCACAAGGAAAACTGTTAGTCAAATCAACCCGATGTAAGCCATACTCCCCG GCCCTCTCTAGCATTGCAGTCAAGCCAATACCAATAAGCCACATGTCCCAAAACCAAT AGAACCACTTCATAATTTGTCATTAAGTAAAAGAGTTGGCCGAAGATAGTTCTGTGGTA TATGCAAAGTCTCTTGGCATTCTGGATCTTTGGATGATCCTAATAGAATAGTTTGGTGA AAAGAATGCAGTGTTCCTTCAAACCTCTGCAGAAAGAAAGCTATGATGATAAACCAAGT TGAGTGGTCAGCTTCAAAGGAAAGCTCTANACT
Restriction Sites:	NotI-NotI
ACCN:	NM_020727
Insert Size:	5500 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_020727.3 , NP_065778.3
RefSeq Size:	7370 bp
RefSeq ORF:	3201 bp
Locus ID:	49854
UniProt ID:	Q9ULJ3
Cytogenetics:	21q22.3
Domains:	BTB, zf-C2H2
Protein Families:	Transcription Factors

Gene Summary:

Acts as a transcription repressor.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) contains two alternate exons in the 5' UTR compared to variant 5. Variants 1, 2, and 5 encode the longer isoform (L).