

Product datasheet for **SC121704**

ZNF595 (NM_182524) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF595 (NM_182524) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF595
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_182524, the custom clone sequence may differ by one or more nucleotides

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ATGGAAC TCGTAAC ATTCAGGG ATGTGGCC ATAGAATT CTCCCCT GAAGAGT GGAATGT CTGGACC TG
CCCAGC AGAATTT GTATAG AGATGTG ATGTTGG AGAACT ACAGGA ACCTGGT CTCCTCG GGTTTTGT GAT
CTCTAAC CCAGACCT GGTCACT GTCTGG AGCAAATA AAAAGAC CCGTCA ATTTGA AGATAC ATGAGACA
GCAGCCA AACCCCA GCTATAT GTTCTCC TTTCA GCCAAG ACCTTTC ACCAGT GCAGGGG ATAGAAG ATT
CATTCC ACAAAC TTAATA CTGAAA AGATAC GAGAAAT GTGGAC ATGAGA ATTTACA ATTAAG AAAAGG CTG
TAAACGT GTGAAT GAGTGT AAGGTG CAGAAA AGGAGT TAATAA TGGAGT TTAACC AGTGCTT GCAACT ACC
CAGAGCA AAAATAT TTTCA ATGTA ATACAT GTGTTAA AGTTTTT AGTAA ATTTTCAA ATTTCAA ACAAAC ATA
AGATAAG ACATACT GGAGAGA AACCCCT TTAATG TACAGA ATGTGG CAGATCG TTTTAC ATGTCA CACCT
AACTCA ACATAC AGGAATTC ATGCTG GAGAGA AACCCCT ACAAA TGTGAAA ATGTGG CAAAGC TTTAAT
AGGTCC ACATCA CTTAGT AAACATA AGAGA ATTCATA CTGGAG AGAAAAC CCTAC ACATGT GAAGA ATGTG
GCAAAG CCTTTAG ACGGTCC ACAGTT CTGAAC GAACATA AAAAA ATTCATA CTGGAG AGAAAAC CCTACAA
ATGTGA AGAATGT GGCAAA GCCTTT ACAAGG TCCACA AACTGA ATGAAC ACAAGAAA ATTCATA CTGGA
GAGAAA CCCTACA AATGTAA AGAATGT GGCAAA GCCTTT AGATGG TCCACA AGCCTGA ATGAAC ATAAGA
ATATTC ATA CTGGAG AGAAAAC CCTACA AATGTAA AGAATGT GGCAAA GCCTTT AGACAG TCCAGG AGCCT
GAATGA ACATAAAA ATTTCA TACTGG CGAAAA ACCTAC ACATGT GAAAA ATGTGG CAAAGC TTTTAA C
CAATCCT CAAGTCTT ATTTA CACAGG AGCATT CATTCT GAACAAAA AACTTT ACAAA TGTGA AGAATGTG
GCAAAG CCTTTACT TGGTCT CATCCCTT AATAAA CATAAG AGAATTC ATA CTGGAG AGAAAAC CCTACAC
ATGTGA AGAATGT GGCAAA GCCTTTT ATAGG TCTCAC ACCTTG CTAAC ATAAG AGAATTC ATA CTGGA
GAGAAA CCCTAC ACGTG CGAAGA ATGTGG CAAAGC TTTTAA CCAATCCT CAACTCTT ATATTAC ACAAGA
GAATCC ATTCTGG GCAAAA ACCTTACA AATGTGA AGAATGT GGCAAA GCCTTTT ACACGG TCCACA AACT
GAACGA ACATAAG AAAATTC ATA CTGGC GAGAAA CCCTACA AATGTGA AGAATGT GGCAAA GCCTTTT CATA
TGGTCC GCAAGC CTGA ATGAAC ATAAGA ATTTCA TACTGG AGAGAAA CCCTACA AATGTAA AGAATGTG
GCAAAG CTTTTA ACCAAT CCTC AGGCCTT ATTTA CACAGG AGCATT CATTCT GAACAAAA AACTTTACA A
ATGTGA AGAATGT GGCAAA GCCTTTT ACTCGG TCCACAG CCCTGA ATGAAC ATAAG AAAATTC ATTCTG GA
GAGAAA CCCTACA AATG CAAAGA ATGTGG CAAAGC CTATAA CTTATCCT CAACCTT ACTAAAC ATAAGA
GAATTC ATA CTGGAG AGAAAAC CCTCAC ATGTGA AGAATGT GGCAAA GCCTTTCA ATTGGT CCTCAT CCCT
TACTAA ACATAAG ATAATTC ATA CTGGAG AGAAA CCTACA AATGTGA AGAATGT GGCAAA GCCTTTT AAT
CGGCC CTCAAC CCTTACT GTACACA AGCGA ATTCATA CTGGCA AGGAAC ATAGTTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_182524 unedited

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ACTATAG GCGCGG CCGGAATTC GCACG AGGCTGG CTCTG CGAGGG CTTGG TTTAG GGCT
TCAGCTCT CTGCGT TCTCGG CTCCGG GAGGCCT CGGTG ATTCA GCCAC AGCCTCT GCCTC
CCGTTGCT CTGTG ACCTG AGGGTATT GGACA ATTTGT AGCTA AGACTCCC GGTATACC CTG
AAGTCGGG AAAATG GAACTCGT AACATTC AGGGATGT GGCCAT AGAATTCT CCCCTGA AGA
GTGAAA ATGTCTG GACCCTG CCCAGC AGAATTTGT ATAGAG ATGTG ATGTTG GAGAACTA
CAGGAAC CTGGTCTCC CTGGG TTTTGTG ATCTCTA ACCCAG ACCTGGT CACCTGTCTG GA
GCAAAATA AAAAGAG CCCTGCA ATTTGA AGATAC ATGAGAC AGCAGC CAAACCC CCAGGTAG
GTGAGACT GAATGA AGGAGAG GACACAG NGCTAGG AGGCNCAG AGGTCA GGAAGG AAGCC
AGGCCTT AAAATGTAG TCTGGG AAACTG CGCCA ATAAAA TAAATTTCC GAAAAG CTGCATT
TTTTCTCTT ATTACA AATAGGGT CATCTTCTGTCCC ATGCTCTT AAATCTTCTA AGAATT
TCCTTTTT TTTCTC AGTGATCTCCA AGTTACA AGGAGAG CCCATGTCC ACTTTATCG CTT
TATATGGG GCTGCATA ATCTGAC CTGCTGNTCC ATTTGCTTTT AGAACATT ANGAN NATTT
GTATAATT GGAGACCTCT ATGGTAAA AGTATTTTCAA ATATTTCG CATCATG CTA
ATACGTAA GGGGATTAG GACATATGGG GATTTTGGG TTTAAA ATCTTAG ACAACGGG
AACGATGTTGATCTTTTT
    
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Restriction Sites: NotI-NotI

ACCN:	NM_182524
Insert Size:	4700 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_182524.1 , NP_872330.1
RefSeq Size:	2911 bp
RefSeq ORF:	1947 bp
Locus ID:	152687
UniProt ID:	Q8IYB9
Cytogenetics:	4p16.3
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene encodes a protein belonging to the Cys2His2 zinc finger protein family, whose members function as transcription factors that can regulate a broad variety of developmental and cellular processes. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Oct 2013]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a).</p>