

Product datasheet for **SC106051**

ZNF528 (AL833325) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF528 (AL833325) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF528
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AL833325, the custom clone sequence may differ by one or more nucleotides

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AGCCGATTGCAGGGAGAACTGTTTTCGCAGCAGTGCGCCTCCCTTTCCAGCCACCGGTTCTCCTGACC  
CCGAGTGTGGGGGTGACTTCAGTCTCCTGACATCCAGTGTCTCTCGAGCCAGTTCCAGCCCACAGAA  
AATGAGCTCTCCGGAAGTGGGCATCTTATTCCAATCCCCTCCCTGTGAATGTGTGGAGAAAAAGAGATG  
GGAACGAGGCAGAGGAAATAGAGAAATTTGAAAGAGAAATGAAGAATGAGAGACCCATTAAACAGAAGGC  
AAAGTAGAAGGTTCAAAAATTTAAGAAAGGGAGAATAAAGTGAAAAAATCTCAGAAGGAATCCACTCA  
ACAGACGAGGATCACTTCCAAAGAGACATATTATGCAAGGAAGCAACTTGAAGAGGAAAGAAAAGAAG  
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CTGCAGAGTGAAGAGAAATAGCAAACGATCCAGACGGCAGGGAGTGCATCAAAGGTGTGAACACAGAGA  
GGAGCTCTAAATGGGAAGTAATGCAGGAAACAAGCCTTGTAATAAATCAACTGGATTCACTTTTCAGTT  
ACATCTGAGTGATCTACAGCTATTTCAAGCTGAAAGGAAAATTTCTGGGTGAAGCATTTTGAAAAACCC  
GTCAGTGACAATTCCTCAGTTTCACCGCTTGAAAAATTTCTCCAGTGTCAAATCCCACCTTTTAAATA  
AATATAGAAATAATTTTGATCATGCTCCATTACTTCCACAAGAACAGAAAGCACACATTAGGAAAAAGC  
TTATAAATGTAATGAGCACGGCCAAGTCTTTAGAGCATCTGCAAGCCTTACTAACCAAGTAATCCATAAC  
GCAGATAATCCTTACAAATGCAGTGAATGTGGCAAGGTCTTTAGTTGCAGTTCAAAGCTTGATACATC  
GAAGAATGCATACTGGAGAGAAGCCTTACAAATGTCATGAATGTGGCAAGCTCTTCAGTAGCAATTCAAA  
CCTTTCACAACATCAAAGAATTCATACTGGAGAGAAGCCTTACAAATGTCATGAATGTGACAAGGTCTTT  
CGAAGCAGTTCAAAGCTTGACACAACATCAAAGAATTCATACTGGAGAGAAGCCTTACAAATGTCATGAAT  
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AGTTAATTCACACTGGAAGGAAACCTTACAAATGTAAGAATGTGACAAGGTCTTTGGCGCAAGTGT  
CCTGACCTCTCATCAGAGAATTCATACTAGAGAGAGACCTTATGGATGCAGTCAGTGTGGCAAGATCTTT  
AGTCAGAAATCAGACCTTATACGACATCGAAAACTCATACTGATGAGAAGCCTTACAAATGTAATAAAT
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GTGGCACAGCGTTTAGAGAGTTTTTCAGACCTTACTGCCATTTTCTAATCCATAGTGGAGAGAAACCTTA
TGAATGTAAGAAATGTGGCAAAGTCTTCAGGTACAAGTCTTCTAACCAGTTCATCATAGAATTCATACT
GGAGAGAAAGCCTTACAAATGTAACAGATGTGGCAAGGTCTTCAGTCGCAGTTCAAACCTGGTATGCCATC
AGAAAATTCATACAGGAGAAAAGCCTTACAAATGTAATCAATGTGGCAAGGTCTTAAATCAAGCATCATA
CCTTACAAGACATCAAAATAATTCATACTGGAGAGAGGCCCTTACAGATGTAGTAAATGTGGCAAAGCATT
CGAGGGTGTTCAGGCCTTACTGCCATCTTGAATCCATACTGAAAAGAAATCTCATGAGTGAAGAAT
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CATAAACTGATGACCGTCATCATACTGTTGCAGTTAGCACACTTTCTCCTGACATAAGTGCACAGAGCT
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CAAGCAGTCTTCTGCCTTAGCCTCCTAAGTAGCTGAGACTACAGACGTGCGCCACCAACCCAGTTCAT
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ACCTCCGCTCCCGGTTCAAGCAATGCTCCTGCCTCAGCCTCCCAAGTAGCTGGGATTACAGGCGTGTA
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AACTCCTGACCTCAGGCGATCCATCTGCCTCAGCCTGAAAGTGCTAGGATTACAGGCGTGAGCCACCAC
ACCTGGCCAGCTCAGCATATTCTTAAGTAGGATTACATTTAATCTTGGTATTATAAGTTGCAACCATT
TGATTTAGAATGTATGCAGCTCTCATGTTGTAGTAATAAAGTTTCATTTTTCTAAGTAAAAAAAAAAAA
AAAAAA
  
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5' Read Nucleotide Sequence:

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>OriGene 5' read for AL833325 unedited
TACTATAGGGCGCCGCAATTCGGCACAGGGGGAGAACTGTTTTCGCAGCAGCCTCC
CTTTTCCAGCCACCGGTTCTCCTGACCCGAGTGTGGGGGTGACTTCAGTCTCCTGACA
TCCAGTGTCTCTCGAGCCAGTTTCCAGCCACAGAAAATGAGCTCTCCGGAAGTGGGC
ATCTTATTCCAATCCCCTCCCTGTGAATGTGTGGAGAAAAAGAGATGGGAACGAGGCAGA
GGAAATAGAGAAATTTTAAAGAGAAAATGAAGAATGAGAGACCCATTAACAGAAGGCAAA
GTAGAAGGTTCAAAATTTAAGAAAGGGAGAATAAAGTGAAAAAAATCTCAGAAGGAAT
CCTCAACAGACGAGGATTCATTCCAAGAGACATATTATGCAAGGAAGCAACTTGA
AGAGGAAAGAAAAGAAGTCAAGGAAATGGCCCTTACTCAGGGACCCCTGAAATTCATGGATG
TGGCCATAGAGTTCTCTCAGGAAGAGTGGAAATGCCTGGACCCCTGCGCAGAGGACTTTAT
ACAGGGACGTGATGTTGGAGAATTATAGGAACCTGGTCTCCCTGGGAATCTGTCTTCTG
ACCTGAGTGTTACCTCCATGTTAGAGCAAAAGAGAGATCCCTGGACTCTGCAGAGTGAAG
AGAAAATAGCANACGATCCAGACGGCANGGAGTGCATCANNAGTGTGAACACAGATTC
TTTCAGATTTTTAGACTCAGCCTGCTGCCAGCAGAATATGAGATATGGGCAGACAGTAC
GAACCAGACTNCACGTGAAGATAGAGAATCACTTTTAGACCCCTTGAAGAGCTCTTTTAA
TCCTTCTGGCTGGGCCATNTTCTACAGGATGCCCTGCTGTGGAACATGGGCATGCT
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3' Read Nucleotide Sequence:	>OriGene 3' read for AL833325 unedited TAAGAACGCGGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTCATACTTAGGA AAAAATGAAACTTTACTACAAACATGAGAGCTGCATACATTCAAATCAAATGGTTG CAACTTATAATACCAAGAATTAATGTGAATCCTACTTAAGAATATGCTGAGCTGGCCAG GTGTGGTGGCTCACGCCTGTAATCCTAGCACTTCAGGCTGAGGCAGATGGATCGCCTGA GGTCAGGAGTTTGAGACCAGTGTGGCAACGTGGTAAACCCCATCTCTACTAAAAATAC AAAAATTAGCTGGGTATGGTGGTACACGCCTGTAATCCCAGTACTTGGGAGGCTGAGGC AGGAGCATTGCTTGAACCCGGGAGGCGGAGGTTGCAAGTGAAGCCGAGATCGCGCCACCGCA CTACAGCCTGGGTGACAAGGGCGAAACTCTGTCTCATCTAAAAAAGAATATGCTGATCC GGTCATTTTGATTAAGTCTCAACTGTGATATAACTGTTCTCTATTCCATTTCAAAAATG AGGCTGGGCACCATGGTTCATGCCTGTAATCCCAGCACTTTGGGAGGCTGAGGTGAACAT ATCACTTGAGGTGAGGAGTTGGAGACCTGCCTGGCCAACATGGTAAACACTGCCTCTACT AAAAATACAAAAATGAACTGGGTGTGGTGGCGCACGTCTGTAGTCTCAGTACTTANGAG GCTAAGGCAGAAAGACTGCTTGAGCCCCAGAAGCGGAGGGTGCATTGAGCCAAGAACCAC CACTACACTCCAGCCTGGCAACAGAGTGAAGTCTATCTCAAAAAAAAAAAAAAGTCTA CTTCTTATCAGTCTTTGGTAAACAGCAGTACTGCTGTTTATGAAAAGGTGGCACCTTT TTCCTGGTTAATTTCCCATTAATCGAACCTAGCACCTATTACTCTTCCCTAAACCC AGGCTAAGAATACGCAACCTATTTCCGGG
Restriction Sites:	NotI-NotI
ACCN:	AL833325
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:	AL833325.1
RefSeq Size:	3997 bp
RefSeq ORF:	3997 bp
Locus ID:	84436
Cytogenetics:	19q13.41
Domains:	KRAB, zf-C2H2
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]