

Product datasheet for **SC118029**

ZNF76 (NM_003427) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF76 (NM_003427) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF76
Synonyms:	D6S229E; Zfp523; ZNF523
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_003427, the custom clone sequence may differ by one or more nucleotides

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ATGGAGAGCTTGGGGCTGCACACGGTGACCCTTAGTGATGGGACAACAGCCTACGTCCAGCAAGCTGTCA
AAGGAGAGAAGCTTCTTGAAGGGCAGGTGATCCAGCTCGAGGATGGGACCACCGCATACATTCACCAGT
GACGGTACAGAAAGAAGCTCTCTCTTTGAGGATGGTCAGCCTGTGCAGCTGGAAGATGGCAGCATGGCT
TACATACACCGCACACCCAGAGAAGGCTATGACCCACAGCACCTGGAAGCCGTCCAAGTGAAGATGGCT
CCTACTGCCTACATTCACCACCCTGTGGCTGTGCCATCGGAGAGCACCATCCTGGCCGTACAGACAGAGGT
GGGCTTGGAGGACCTGGCAGCAGAGGATGATGAGGGCTTCAGTGCAGACGCAGTGGTGGCCCTGGAGCAG
TATGCCAGCAAGTTCTTCATGACAGCCAGATTCCTCGTAAATGGAAAAGGGCAGCAAGTTGGAGACAGAG
CATTCCGCTGTGGCTACAAGGGCTGTGGGCGTCTACACCACCGCTCATCACTTAAAGGTGCATGAACG
AGCTCATACAGGTGACCGTCCATACAGATGTGACTTCCCAGCTGTGAAAGGCCCTTGGCCACAGGCTAT
GGACTGAAGAGCCACGTTTCGTACCCACACTGGTGAGAAACCATAACAAGTCCCAGAGGAGCTGTGCAGCA
AGGCCCTCAAGACCTCAGGAGACCTGCAGAAGCATGTCCGTACCCACACTGGTGAACGCCGTTCCAGTG
CCCTTTTGAGGGCTGTGGCCGCTCTTACCACATCTAACATCCGCAAGGTACATGTGCGCACCCACACA
GGCGAGAGGCCCTACACCTGCCCGGAGCCCACTGTGGCCGCGGGCTTACCAGCGCCACCAACTATAAGA
ATCACGTGCGCATCCACACAGGGGAGAAGCCATACGTTTGCACGGTGCCAGGCTGCGGGAACGCTTAC
CGAGTACTCGAGCTTGTATAAGCACACCTGGTGCACACACACTGCAAGCCCTACACCTGCAGCACCTGC
GGCAAGACCTACCGGCAGACCTCCACCTTGCCATGCACAAGCGCAGTGGCCATGGCGAGCTGGAGGCCA
CGGAGGAGAGTGAGCAGGCCCTCTATGAGCAGCAGCAACTTGAGGCCCTCTGCAGCCGAGGAGAGTCC
GCCACCCAAACGACCCCGATAGCTTACCTTTCGGAGGTGAAGGAAGAGAGAGATGACATCCCAGCCAG
GTGGCGATGGTGACTGAAGAAGATGGGGCCCCCAGGTGGCTCTGATCACTCAGGATGGTGGCCAGCAGG
TCAGCCTGTCCCGGAAGACCTGCAGGCCCTGGGGAGTGCCATCAGTATGGTCAACCAGCACGGCAGCAC
CACCTCACCATCCCGAGTCTGATGCCACCTGGCCACATCTGGCACACATACAGTACCATGGTGCAGC
GCCGATGGCACCCAGACGCAGCCGTCACAATCATTACCTCTGGGGCTGTGGTGGCTGAGGACTCAAGTG
TAGCATCTCTCGTCATCAACAGGTGGCACTGTTGGCCACAGCCAACGGAACGCACATTGCAGTGCAGCT
GGAGGAACAGCAGACCTTAGAGGAGGCCATCAATGTGGCCACTGCGGCCATGCAGCAAGGGGCTGTGACC
CTGGAGACAACAGTGTCCGAGAGTGGCTGCTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003427 unedited

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NGTTTTGAATTTATGTATACGACTTCACTATAGGGCGGCCGGAATTCGCACGAGGCCTCG
TGCCGAATTCGGCAGCAGAGCCGGCCGCTGGGCTCCAGGAGCCCCGGAACCAGGATAAGT
TGGATGGCTGCCGCGCGAAGCGGGGGCGGGTGGACCGTCCCGGTATTTTCTATACG
GGTTCGGGGCCCGGTAGAGGCGCGCAAGAGGAAAGGAAAGTGGCGCGCCCTGGAACC
TGGATATCGCGCGAGATTTGTGACCCAGAAGGAAATCTTGACCTCAGCTGTGGCTCTTG
GTGCTGGCCAGAAGCCAACCTCATGTCTGAGTGCACGAGCAGTTCATGATGGAGAGC
TTGGGGCTGCACACGGTGACCCTTAGTGATGGGACAACAGCCTACGTCCAGCAAGCTGTC
AAAGGAGAGAAGCTTCTTGAAGGGCAGGTGATCCAGCTCGAGGATGGGACCACCGCATAC
ATTCACCAGGTGACGGTACAGAAAGAAGCTCTCTCTTTGAGGATGGTCAGCCTGTGCAG
CTGGAAGATGGCAGCATGGCTTACATACACCGCACACCCAGAGAAGGCTATGACCCACG
ACCCTGGAAGCCGTCCAAGTGAAGATGGCTCCACTGCCTACATTACCACCCTGTGGCT
GTGCCATCGGAGAGCACCATCCTGGCCGTACAGACAGAGGTGGGCTTGGAGGACCTGGCA
GCAGAGGATGATGAGGGCTTAGTGCAGACGCAGTGGTGGCCCTGCAGCAGTATGCCAG
CAAGGTTCTTCATGACAGCCAGATTCCTCGTATGGAAAAGGGCAGCAAGGTTGTAGAC
AGAGCATTTCCGCTGTGCTTACAAGGGCTGTTGGCCGTTTCTACACCACCGCTCATCATT
AAAGTGCATGAACGAGCTCTACA
    
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3' Read Nucleotide Sequence: >OriGene 3' read for NM_003427 unedited
 GCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTGGAAATTTGGAACCTTTTATTAAAT
 ACTCATTTCATCCATGTGCCACCACCACCAGAGCAGGAAAAAATTATCAAAATGGAATT
 TAAAAAACAACAAATCAAACCAATCCCCAGCAGTCTATGTACAGGGCCACTCCCTG
 CCTCTCTGCCATAGAGAGTTGGGGGCAGCTGAAGAGTGGTGGGGCTGGGCACCTTTT
 CTCCAGCCACAGGCCCTGAGGAATTAATTGACTGTGGTGTGAGGAAATCCCTGGTGCCA
 AGTAGCCAGGCATCTCAGCTGGCCTCCAGGGAGGTGGTTATTGCTGGGAGGGCAGGACAG
 GGCTGTCTCCACTGCTACTGGGCTGAAGAGCTGTCTGTGGCTCAACCCTACAGGGCCAGT
 CCCCATAGCAGCCCAATCTCTACCTGAGAAGGGGAACAGACTGAGGGCCACAAGGGTGT
 TCTTTATGAAGAGAGTGGGCGCCAGCTGATTTTGAAGAGCGGGTGCCCTGGTGTAAACC
 GCCTGTTGTACCTCCCGAAGATGATGCACTCCCTGATTCCAGCTGCCTGGCCACTTC
 TTGAGCAAGGCCCCATTCCCTNAGTTAGGCAGCTTTCTTGCTGTCTTAACCCAGA
 AACCCATGTGGCCACCCTCTATGCGTCACCCACACCCTGGGCCCTTGTGGGCAAAGTG
 GCCATCCAAAAGGACCTCCTTCCACAGGGGGTGGGACCAACCCTCTTGGACTCATGA
 AGCCCTCTCCGACCCCGCTGTTTCCAGGGCCCCACCCCTTCGCTGCTAGGTCCAAACGGC
 ACCATTGATGGCTCTTTTAAGCCTCGCCCTTCTCCCATCTCACCGATTCCCCTCCGCT
 GGCTGGTTCAACCCTCCCTCGTGATACAAAAACACCTCTGTCCCCCCCCCATCATAC
 ATAGATTTTCAGCTCTCCTCTCCCCCCAG

Restriction Sites: NotI-NotI

ACCN: NM_003427

Insert Size: 3090 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_003427.3](#), [NP_003418.2](#)

RefSeq Size: 2671 bp

RefSeq ORF: 1713 bp

Locus ID: 7629

UniProt ID: [P36508](#)

Cytogenetics: 6p21.31

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 longer transcript and encodes the longer isoform (1).