

## Product datasheet for **SC114038**

### ZNF280D (NM\_017661) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF280D (NM_017661) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF280D
Synonyms:	SUHW4; ZNF634
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_017661, the custom clone sequence may differ by one or more nucleotides

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ATGGGCGACAACCCTTTTCAACCAAAAAGTAATTCAAAAATGGCAGAAGTGTATGGAATGTGAAGAAG
AGGAGCTGGAACCATGGCAGAAGAAAGTAAAAGAAGTTGAGGATGACGATGATGAGCCAATCTTTGT
TGGCGAGATATCAAGTTCAAACCAGCAATTTCAAATATTTTGAACAGAGTTAACCCAGCTCATATTCA
AGGGGACTAAAGAATGGTGCACCTCAGTCGAGGTATTACTGCTGCATTCAAGCCTACAAGTCAACACTACA
CGAATCCAACATCAAATCCAGTGCCTGCCTCACCAATAAATTTTCATCCTGAGTCTAGATCTTCAGATAG
TTCTGTTATTGTTGAGCCTTTTTCTAAACCTGGTTATATAACAAACTCATCACGAGTTGTGTCTAATAAG
TCATCAGAGTTACTGTTTGACTTGACCCAGGATACAGGATTATCACATTACCAAGGGGGACCAACTTT
CTATGGCAGGTATGAGTGAAAGTTCATTTTTATCAAAACGTCCTTCTACTTCTGAAGTAAATAATGTTAA
TCCAAAGAAGCCTAAACCCAGCGAAAGTGTCTGGAGCAAATTCCTCAGCTGTATTACCTTCAGTTAAA
TCTCCTTCAGTGACTTCTCCAGGCTATGCTAGCAAAAGGTACAATACCTCATCAAATCAGTCTAAAA
ATGGAACACCTTTTCCAAGAGCTTGTCCAAAGTGAACATTCATTTCAATCTTTGGATCCTTTGAAAAA
TCATATGAAGTATTGTTGTCAGACATGATAAATAACTTTTTGGGACTGGCTAAAACAGAATTTTCAAGT
ACAGTAAATAAAAAACACAACATTTGATTGAGAGAAAGGAAAATTGATCATGTTAGTTAATGACTTTTATT
ATGAAAAACATGAAGGAGATGTCCAGGAGGAACAGAAGACTCACACAACCTTTAAATGCTTCAGTTGCTT
GAAAATTTCAAAAAATAACATTAGGTTTATGAACCACATGAAACACCATTTGGAAGTTGAGAAGCAGAGC
AGTGAGAGCTGGGAAAACCATACCACCTGCCAGCACTGTACCCTCAGTTTCCCACACCATTTTCAGTTGC
AGTGTACATCGAAAGTACACATACGCCCATGAATTTTCTACTATTTGTAATACTGTGAATTGTCATT
TGAACAGAAACATGTTCTTTTACAACATATGAAGGACAATCATAAACCTGGTGAATGCCATATGCTGC
CAGGTTTGTAAATATAGATCCTCATCTTTTCTGATGTAGAAACTCATTTTAGAACATCCCATGCTGC
CTAAGAACTTGCTATGCCGTTTTGCTCAAAGTTATTAATAATTGCAACACCATATATGCATCATTATAT
GAAGCATCAGAAAAAGGAATACATCGTTGTACAAAATGCAGGCTGCAGTTTTTGACATGCAAGGAGAAA
ATGGATCATAAGACTCAACACCATCGAACATTTATAAACCTAAACAACAGAAAGGATTGCCTCCTGGAA
CAAAAGTTACTATTCGAGCTTCAGTTGGACCTCTGCAATCAGGAGCTTCACCTACACCTTCCATTAGTGC
AAGTGCTTCTACCCTTCAGCTCTCACCTCCAAGGACTAAAAATATAACTGCTAAAAATCCTGCAAAATCT
AATACAAGTAAACCTAATACAGTCAAATCCAACGCAAGTAAACCTAATACAAGTAAAGCCTAATGGAAGTA
AATCTAAATACAAACAAAAATCTAATATGCAAAAAGAAACAAAGCACATTGGCTAGTAGCAATAAAAA
AAGTAAAGTCAATACAGCATTGAGGAATTAAGGTATCGTCGGGGCATTACAAAATGCATTGAGTGTGTG
TCCGAAATAAAAGATTTTGCAAACCACTTCTCCTACGTACGTCCACTGTAGTTTTTGACAGTACAACACTA
GCTGTAGCAAAGCCTATGTAATCATATGATGAGCTTTCATAGTAACCGTCCAAGCAAAAGGTTTTGTAT
TTTTAAGAAGCATTTCAGAAAATCTCCGGGGCATTACTCTAGTGTGCCTTAATTGTGATTTCTAAGTGAT
GTTTCTGGCTTAGATAATATGGCTACACACTTAAGTCAACATAAAACTCATACTTGCCAAGTTGTAATGC
AGAAAGTTTCTGTTTGTATCCCAACTTCTGAGCACCTTTCTGAATTAAGGAAAGGCTCCCGCAAAGGA
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GAAAGTAAACAAGATAAAGCTGCTTCTTCAAAGAAAAAAATGGATGTAATGCAAATTCATTTGAAGGCT
CATCAACAACAAAAAGTGAAGAAAGCATAACAGTTTCAGATAAGGAAAAATGAAACCTGTCTTGCAGACCA
GGAAACTGGCTCAAAAAACATCGTCAGTTGTGATTCAAATATTGGTGCAGATAAAGTGGAAAAGAAAAA
CAAATACAACACGTTTGTGAGGAAATGGAGTTGAAGATGTGCCAAAGTTCAGAAAACATAATCTTATCTG
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ATCAGATAATGTAAGCATTGATCAGTTTTTGGAAAAAGACATGAACCTGAATCTGTTAGTTCTGATGTT
AGCGAGCAAGGCAGTATTCATTTGGAACCTCTGACTCCATCCGAGGACTTGAGTATGAAGCCACAGAGA
TTCTTCAGAAAGGTAGTGGTATCCTTCAGCCAAGACTGATGAAGTAGTGTCTGATCAAACAGATGACAT
TCCTGGAGGAAAATAACCTAGCACAAACAGAGGCAACAGTAGACCTGGAAGATGAAAAAGAAAGAAGTTGA
    
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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_017661 unedited  
 TCAAAATTTGTAATACGACTCACTATTAGGGCGGCCGGAATTCGGCACGAGGATCCAAC  
 ATCAAATCCAGTGCCTGCCTCACCAATAAATTTTCATCCTGAGCTAGATCTTCAGATAG  
 TTCTGTTATTGTTGAGCCTTTTTCTAAACCTGGTTATATAACAACTCATCACGAGTTGT  
 GTCTAATAAGTCATCAGAGTTACTGTTTGACTTGACCCAGGATACAGGATTATCACATTA  
 CCAAGGGGGACCAACACTTTCTATGGCAGGTATGAGTAAAAGTTCATTTTTATCAAAACG  
 TCCTTCTACTTCTGAAGTAAATAATGTTAATCCAAAGAAGCCTAAACCCAGCGAAAAGTGT  
 TTCTGGAGCAAATTCCTCAGCTGTATTACCTTCAGTTAAATCTCCTTCAGTGACTTCTTC  
 CCAGGCTATGCTAGCAAAAGGTACAAATACCTCATCAAATCAGTCTAAAAATGGAACACC  
 TTTTCCAAGAGCTTGCCAAAGTGAACATTCATTTCAATCTTTTGGATCCTTTGAAAAA  
 TCACATGAAGTATTGTTGCCAGACATGATAAATAACTTTTTGGGACTGGCTAAAACAGA  
 ATTTTCAAGTACAGTAAATAAAACACAACACTATTGATTCAGAGAAAGGAAAATTGATCAT  
 GTTAGTTAATGACTTTTTATTATGAAAACATGAAGGAGATGCCAGNAGGAACAGAAGAC  
 TCACACAACCTTTAATGCTTCAGTTGCTTAAAAATCTAAAAATACATTAGGTTTATGAA  
 CCACATGAAACACCAATTTGGAACCTGAGAAGCAGAGCAGTGAGAGCTGGGAAAACATACC  
 ACCTGCCAGCACTGCTACCGTCAGTTTCCACACCAATTCAGTTGCAAGTGTACATCGCAA  
 GTCACATACGCCCATGAATTNTCTACTATTNTGTAAATCTGTGAATTGTCAATTTGNACA  
 GAACAT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_017661 unedited  
 GCTTTTTTCGGGGTAAAGCCATTTTATTTCAAGCAAACACTGTTCTTAATATTATTCAT  
 TTCTATATCTATTATATTCTAGACGATAAAAAGACTGAAAACAATTTAGCAGCCATCTT  
 ATAGATAAATTAGCTAAATTTCCAAAACAGTTCTTTTACATCACTGTTTTAGGTCCCA  
 TTTGAAGTTTTTATTTTACAATTACAGAAAAGTCACTTAAACATGGCTGAATACATGCCA  
 GGACATGTGTTGAGTTTACTGCTTTACAATATCTACATTATACCATACTTTGGTTTGGCT  
 TCCAGACCATTTTATGGGCCTATTTCTAAGGAAGATCATTAAAACAATATTTAAAAGCAT  
 AATAGTACAGGAGTTTCAACAATGGGTTTGTACTTTACATTAATACAACATAACATCA  
 AAGAATTTTCTACACACCTTACACACTGACAAAATAGCACAAAATAAAATGTATATCTTAA  
 CAATTTTCACTTTGACTGAAAGCTTAATCAAGGTAAGCTTACAGTCTGGCAGCTAACAC  
 TTGGATGGAGGCACAAACATTCTAAATATTTCCGCTTACATGCCCTCCCGACTGGAATGGC  
 TTCTCAAATTCAAAATCAACTTTATGGTCTCCCAAATTCATTAGGATCCAATTTTCAT  
 CGCTCTAAATCATGCTTCCATGGACCCCCATAAATGCTGCCCCACTAACGCGCTTTGAT  
 TTACCAATTGTTCAATTAAGACCTTTGCCTCTTAAACAAATGACTTTCCCGAAAAGCTCAT  
 GGGTTTTTCAAATTTCCCTTCTCCTCANCACATTGGTAAAGGGACCCTCCCGGCCCC  
 AACGCATTTCCGCTTCCAGGATTGGCGCAAGCCTCGCACAGGCTGTACTATATATTAGC  
 TACCATCGCTGCACCGCTCGGTGCGTTCGTCCCGTACCCATCTGCCTTTGTTGACCA  
 ATGACATGTCCACCCGCTCG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_017661

**Insert Size:**

4100 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\\_017661.2](#), [NP\\_060131.2](#)

**RefSeq Size:** 4484 bp

**RefSeq ORF:** 2940 bp

**Locus ID:** 54816

**UniProt ID:** [Q6N043](#)

**Cytogenetics:** 15q21.3

**Domains:** zf-C2H2

**Gene Summary:** May function as a transcription factor.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Variants 1 and 4 encode the same protein (isoform 1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.