

## Product datasheet for **SC111371**

### ZNF286 (ZNF286A) (NM\_020652) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF286 (ZNF286A) (NM_020652) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF286A
Synonyms:	ZNF286
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020652, the custom clone sequence may differ by one or more nucleotides

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ATGGAGACAGATTTGGCTGAAATGCCTGAGAAAGGAGCTCTGTCTTCCAGGATTCTCCCCATTTCCAAG
AGAAGAGCACAGAAGAGGGAGAAGTGGCTGCTCTGCGCCTCACGGCCAGATCCCAGGAAACAGTGACATT
CAAGGATGTGGCCATGGACTTTACACCAGAGGAGTGGGGGAAGCTGGATCCTGCACAAAGGGATGTGATG
CTGGAGAACTATAGGAACCTAGTCTCACTTTGGCTTCCAGTTTCCAAACCTGAGAGCTACAACCTGGAGA
ATGAAAAGAACCATTGAAGCTTGAGAGAAAAGCCCCAAAAGCAGCTATTCAGACATGGAGACTAGACC
ACAGAGCAAGGATTCAACTTCAGTGCAAGATTTTCCAAAGCAGAATCATGCAAAGTTGCAATAATAGAC
AGACTGACACGGAATAGTGTCTATGACTCTAAGTGAAGCAGCCCTTGAATGTGAAAATTTGGTTAGAGA
ATCAGCAAGGAAATCAGGAGAGACATTTGAGAGAAATGTTCACTCACATGAATCACTCTCTGAGGAAAC
AGACCATAAGCATGATGTATACTGGAAAAGCTTCAATCAGAAATCTGTCCTTATCACTGAAGACAGAGTT
CCCAAAGGATCTTATGCCTTCCATACACTTGAAAAAGCTTGAAACAAAATCAAACCTTAAATGAAAAAGC
AGAGAAGCTTATAAAGAGAAAAACCTCATAAATGTAATGATTGTGGTGAAGTCTTCACTACCATTCACT
GCTTATTCGACACCAGAGAGTCCATACTGGAGAGAAAACCTATACCTGCAATGAATGTGGGAAATCTTTT
AGCCACAGAGCTAATTTAACTAAACACCAGAGAACTCATAGAAATTTCTTTGAAATGCAAGTGAATGCA
AGAAAACCTTACAGAAAAGCTCATCCCTTGCAACACATCAGAGAATTCAGTTGGAGAGAGACCTTATGA
ATGCAATGAATGTGGAAAGTTTTAATCGAAGTACACATCTTGTGCAGCATCAGTTGATTCATACTGGA
GTGAAGCCTTATGAATGAATGAATGTGATAAAGCTTTTATTTCATTCATCAGCACTCATTAAACATCAA
GAACCTACTGGAGAGAAAACCTTATAAATGTCAAGAATGTGGGAAAGCCTTTAGCCATTGCTCATCCCT
AACTAAGCATCAGAGAGTTCATACTGGAGAAAAGCCATATGAATGCAGTGAATGTGGAAAAACTTTTAGT
CAGAGCACACATCTTGTCAACATCAGAGAATTCACACTGGAGAGAAAACCTATGAGTGAATGAATGTG
GGAAAACCTTCAAGCGAGCTCCAATTTTGTAAACATCAAAGAATTCATATTGGAAAGAAACCGTACAA
ATGTAGCGAGTGTGGAAAAGCCTTCACTTTCATCAGCTCTCATTCAACATCAGAGAATCATACCGGA
GAGAAAACCTTTAGATGTAATGAGTGTGGAAAAGCTTTAAGTGCAGTTCATCTCTCATCAGACATCAA
GAGTTCACACTGAAGAGCAACCTGA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_020652 unedited</p> <pre> NGGGGTACTTTTGTATACGATCATATAGGGCGCCGCGATTCCGGCACGAGGCAGACTCC AGGTGAGAAAGAGACCCGATCTAACCCAGGCCTTTCATCAGAGCCCAGGAGGGAAGGCAG GAAGTGGGACCACGAGGCCCGGGGGGCTTCTAACTCGTCTGGCCAGGGAGATCTGAATTG GGGTGAAGAGCAGAATCTCCAGAACAAGGAGGAGTGGTGATCATGGAGACAGATTTGGC TGAATGCCTGAGAAAAGGAGCTGTCTTCCCAGGATTTCCCATTTCCAAGAGAAGAG CACAGAAGAGGGAGAAGTGGCTCTGCGCCTCACGGCCAGATCCCAGGAAACAGTGAC ATTCAAGGATGTGGCCATGGACTTTACACCAGAGGAGTGGGGAAAGCTGGATCCTGCACA AAGGGATGTGATGCTGGAGAACTATAGGAACCTAGTCTCACTTTGGCTTCCAGTTTCCAA ACCTGAGAGCTACAACCTGGAGAATGGAAAAGAACCATTGAAGCTTGAGAGAAAAGCCCC CAAAAGCAGCTATTCAGACATGGAGACTAGACCACAGAGCAAGGATTCAACTTCAGTGCA AGATTTTTCCAAAGCAGAATCATGCAAAGTTGCAATAATAGACAGACTGACACGGAATAG TGTCTATGACTCTAACTTGAAGCAGCCCTTGAATGTGAAAATTGGTTAGAGAATCAGCA AGGAAATCAGGAGAGACATTTGAGAAGAATGTTCACTCACATGAATTCCTCTCTGAGGA AACAGACCATAAGCATGATGTATACTGNGAAAGCTTCATCAGAAATCTGTCTTATCACT GAAGAACAGAGTCCCAAGGGATCTTATGCCTTCCATACACTTGA AAAAAGCTGAAACAA AATCAAACCTTA </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_020652 unedited</p> <pre> TGTACCGCGCCCGCAATCTAGTGTGAGTTTTTTTTTTTTTTTTTTTGGAGTATGATACAGT TTATATCTGTATCCCCACCCAAATCTCATGTTAATTGTAATCCCCAATGTGGGAGGTGG GGCCTGGTGCAAGGTGACTGGACCACGCAGGTAGTTTCTCATGAATGATTTATCACTGTC CCCCTACTGCTGCTCGTATAGAGTTCTCATGAGATTTGGTTGCATAAAAAAGTGTGATG CACCTCCCCTCTCTTTTCTCTGCTCTAGCCCTGTGAAGATACCTGCTCTGGCTTTG CCTTTTGGCATGAGTAAAAGCTCCCTGAGACCTCCCAGTCATACTTCTGTACAGCCCA TGAACCATGAGCCAATTAACCTTTTTTCTTTATAAGTTACCCAGTCTCAGGCATTTCT TTATAGCAGTGTGAGATTGAACCGATACAGACAACAATAACAAAAAGTAGATAAAATATGA AGGCCAGAGAAAATGGCAACTTCTTCATGAAGGGAAGCTGCTTATCCTCAAGCAAGTCAGT TGAGGACTATCCTGTGAGCTATTTCCGTGCCTTGTTTCCACTCATACAGGGAAGTATG CCCTGGTGTCTCACAGTTGCTTCAGTTCTTCTTTACTGGGACCCTAAATATAATAACACA CTGAACCACCCAACTTCTCAGACCTTTTCATATCCCTGGAGCTTTTTCTCAAATGGACAC AGCATAGCTTACAGAAAGCTGATTATCGTAGACATAAGAAGTCTCCCTCACCCCTTTGTT ATTGAAAAACAAGATTTATTCAGTGCCAACGATATGAAAGGAAGCACTTGATCCACAC CACTGTACGNTTTTGACCCATTCCTTATTTACGTGGACTTCCAGGAAATGGTAAGGGAAT GAAGTCTTTGGTTCGGAGATAACATTGACTAATCATTATGATGGCCAGCTGGCGCTTATG CCTGNATTCCANCTCTTCGGAGGCCAGGCAGCAGATCCGAGCTCAGAGTTAAAN </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_020652
<b>Insert Size:</b>	3670 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_020652.1](#), [NP\\_065703.1](#)

**RefSeq Size:** 2515 bp

**RefSeq ORF:** 1566 bp

**Locus ID:** 57335

**UniProt ID:** [Q9HBT8](#)

**Cytogenetics:** 17p12

**Domains:** KRAB, zf-C2H2

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) differs in the 5' UTR, lacks a portion of the 5' coding region and initiates translation at a downstream start codon, compared to variant 3. Variants 1 and 2 encode the same isoform (2), which has a shorter N-terminus, compared to isoform 1.