

## Product datasheet for **SC100016**

### ZNF480 (NM\_144684) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF480 (NM_144684) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF480
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC100016 sequence for NM\_144684 edited (data generated by NextGen Sequencing)

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ATGCTGTGTGATGAAAAAGCCCAGAAGAGAAGGAAGAGGAAAGCAAAGGAGTCAGGGATG
GCTCTTCTCAGGGACACTTAACATTACAGGACGTGGCCATAGAATTCTCTCAGGCGGAG
TGGAAATGCCTGGACCCTGCACAGAGGGCTTTATACAAGGATGTGATGTTGGAGAACTAC
AGGAACCTGGTCTCCCTGGGAATCTCTCTTCTGACCTGAATATTAACCCATGTTGGAG
CAAAGGAGGGAGCCCTGGTCTGGTGAGAGTGAAGTGAAAAATAGCAAAAAATTCAGATGGG
AGGGAGTGCATCAAAGGTGTGAACACAGGGAGCAGCTATGCATTGGGAAGCAATGCAGAA
GACAAACCAATTAAAAAACAACCTGGAGTATCCTTTCACTTACATCTGTCTGAACTGGAG
CTATTTCCAGATGAAAGGTAATAAATGGATGTAATCAAGTTGAAAACTTTATCAACCAC
AGTTCTCTGTTTCTGTCTTCAAGAAATGTCTTCCAGTGTCAAAACCCCATTTTTAAT
AGGAATGATTTTGTGATTTCTTCTTCTCCACAAGAACAGAAAGTACACCTTAGAGAA
AAACCTTATGAATGTAATGAGCATAGCAAAGTCTTTAGAGTATCTCCAGCCTTACTAAA
CATCAAGTAATCCATACTGTAGAGAAACCTTACAATGTAATTCATGCGCAAGGCTTTT
AGTCGCAATTCACACCTGCAGAACATTGTAGAATTCATACTGGAGAGAAACCTTACAAA
TGTAATGTCTGTGCAAGGTTTTAGTTACAATCAAACCTTGCACGACATCAAAGAATT
CATAACCAGAGAGAAGCCGTATGAATGTAATGAATGTGGTAAAGTCTTCAGTAATAATTCT
TACCTTGACAGCATCAAAGAATTCATGCTGAAGAGAAACCTTACAAATGTAATGAATGT
GGTAAAGGCTTCAGTCATAAGTCATCTCTAGCAAATCATTGGAGAATTTACTGGAGAG
AAGCCTTACAAATGTGATGAATGTGGCAAGGCCTTCTATAGGATTGCGCTCCTTGTACGA
CATCAGAAAATTCATACTGGAGAGAAACCTTACAAATGTAATGAATGTGGAAAGGCTTTT
ATTCAAAATTCGCACCTAGCACAAACATTGGAGAATTCATACAGGAGAGAAACCTTACAAA
TGTAATGAATGTGGAAAAGTATTTAATCAACTTTCAAATCTTGACGACATCGAAGAATT
CATACTGGAGAGAAAGCCTTACAAATGTAATGAATGTGGTAAAGCATTTAGTGAGTATCA
GGCCTTTAGCCCATCTTGAATCCACACTGGAGAGAAGCCTTACAAATGTAGTGAATGT
GGCAAGGCATTACAGACACAAGTTATCACTAACCAATCATCAGAGAATCCATACTGGAGAA
AGACCTTACAAATGTAATGAATGTGGCAAGGTCTTCAATCGAATTGCACACCTTGCACGA
CATCGGAAAATTCATACTGGAGAGAAACCTTACAAATGTAATGAGTGTGGCAAGGCTTTT
AGTCGCATTTACACTAGCACAAACATTGGACAATTCATATGGGATAG
    
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Clone variation with respect to NM\_144684.2

**5' Read Nucleotide Sequence:**

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>OriGene 5' read for NM_144684 unedited
ATTGTATACGACTCACTATAGGCGGCCGGAATCGGCACGAGGCGGTGGAGTGAAGGTC
ACGCCGCGGCGGATTGACTTCTAAAGAGTCATGCTGTGATGAAAAAGCCCAGAAGAGAA
GGAAGAGGAAAGCAAAGGAGTCAGGGATGGCTCTTCTCAGGGACACTTAACATTCAGGG
ACGTGGCCATAGAATTCTCAGGCGGAGTGAAATGCCTGGACCCTGCACAGAGGGCTT
TATACAAGGATGTGATGTTGGAGAACTACAGGAACCTGGTCTCCCTGGGAATCTCTTTC
CTGACCTGAATATTAACCTCATGTTGGAGCAAAGGAGGGAGCCCTGGTCTGGTGAGAGTG
AAGTGAAAAATAGCAAAAAATTCAGATGGGAGGGAGTGCATCAAAGGTGTGAACACAGGGA
GCAGCTATGCATTGGGAAGCAATGCAGAAGACAAACCAATTAAAAAACAACCTGGAGTAT
CCTTTCACTTACATCTGTCTGAACTGGAGCTATTTCCAGATGAAAGGTAATAAATGGAT
GTAATCAAGTTGAAAACCTTATCAACCACAGTTCTCTGTTTCTGTCTTCAAGAAATGT
CTTCCAGTGTCAAACCCCATTTTTAATAGGAATGATTTTGTGATTCTTCATTTCTCC
CACAAAGACAGAAAGTACACCTTAGAGAAAAACCTTATGAATGTAATGAGCATAGCAAAG
TCTTTAGAGTATCTTCCAGCCTTACTAACATCAAGTAATCCATACTGTAGAGAAACCTT
ACANNATGTATTCATGCGGCAGGTCTTTAGTCGCAATTCACACCTTGCAGAACATTGTAG
AATTCATACTGGAGAGAAACNNTACAATGTNATGTCTGTGGCAAGGTTTTAATACAAN
TCAAACCTGCACG
    
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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_144684 unedited TATGGACGCGCCGCAATCTAGGATCGAGTT TGCTTTTTTTCATGTTTTATTTTAGGTTCAAGGGAGTATGTGTACATGGGTCAACTGCAT GTTGCAGGAGTTTGGTGTACAGTTAATTTGTCCCCAGGTAATCAGCATAGTACCCAACA GGCAGTTATTCAATCTTCATCCTCTTCCCAACCTCCACCATAAGCCCGTGTCTACTGGT CCCTTCTTTGAGTCCATGTGTAATCAATGTTTAGCTCCCACTTATAAGTGAGAACATGGG ATATTTTCATTTTCTGGTCTGCATTAATTCACCTTAGGATAAAAAACCTCAGCTCCATCTAT GTTGCTGTAAAGGACACAGTCTTGTTCTTTTTATGGCTGCATAGTATTCCATGGGGTAT ATGTACCAAATTTTCTTTATCTGGGCTACTGCTGATGGGCATTTACGTTGATTCCACATC TTTGCTATTGAGAATAGTGTGCAATGAACATACAAGTGTGTTGCTTTATGGGGGAATGA TTATATTCCTTTAGGTATACACCCAGTAATGGGATGCTGGGTTGAAAGCCATGTTCTTTT ATGTCTTTGAGAAATCGCTGCAGTGCTTCCACAATGGCTGAATTAATTTACATCCCAC CAGCAGTGATAAGTATTTGCTTTTCTCTGCAGCCTCACTAGCATCTATGTTTTGATTTT TTAATAATACCCATTCTGATAATACCCATTGACAGGCTGAGATGGGATCTCATTGTG GCTTTGATTGCATTTCTTAATGATTAGCGATATTAACCATTTTTTTCATATGCTTATTG CCACATGTATGTATTCTTTGAGAAAGGTCTATTCATGGCCTTTGCCAGNTTTTAAGGG GGNTTGGTTTTCTCCATGGTGATTGGGGTGGAGTCTTATAGATCTGAATAAATCTTGCA GAGGCAGTTGTAACATTTTCCC
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_144684
<b>Insert Size:</b>	4700 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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_144684.1</a></u> , <u><a href="#">NP_653285.1</a></u>
<b>RefSeq Size:</b>	4742 bp
<b>RefSeq ORF:</b>	1551 bp
<b>Locus ID:</b>	147657
<b>UniProt ID:</b>	<u><a href="#">Q8WV37</a></u>
<b>Cytogenetics:</b>	19q13.41
<b>Domains:</b>	KRAB, zf-C2H2

**Protein Families:** Transcription Factors

**Gene Summary:** Involved in transcriptional regulation as an activator.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest protein. Sequence Note:.