

## Product datasheet for **SC108783**

### ZNF140 (NM\_003440) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF140 (NM_003440) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF140
Synonyms:	pHZ-39
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_003440, the custom clone sequence may differ by one or more nucleotides

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ATGTCTCAGGGGTCAGTGACATTCAGAGATGTGGCCATAGACTTCTCCCAGGAGGAGTGGAAATGGCTTC
AGCCTGCTCAAAGAGATTTGTACAGATGTGAATGTTGGAGAAGTATGGCCATCTGGTCTACTGGGTCT
TTCCATTTCTAAGCCAGATGTGGTTTCTTATTGGAGCAAGGAAAGAACCCTGGCTGGGAAAAGGGAA
GTGAAAAGAGATCTGTTTTTCAGTTTCAGAGTCAAGTGGTGGAGATCAAAGACTTTTCACCAAAAAATGTCA
TTTATGATGACTCATCCAGTATTTGATCATGGAAAGAATTCTAAGTCAAGGCCCTGTGTATTCCAGTTT
TAAAGGAGGCTGGAAATGCAAGGATCATACTGAGATGCTGCAAGAAAATCAGGGATGTATTAGGAAAGTA
ACAGTCTCTCATCAAGAAGCCCTGGCTCAACATATGAATATCAGTACTGTGGAGAGGCCCTATGGATGCC
ATGAATGTGGAAAACTTTTGGTCGACGCTTTTCCCTGGTGTACACCAGAGGACTCATACTGGAGAGAA
ACCATATGCATGTAAGGAATGTGGCAAAACCTTTAGCCAGATTTCAAACCTTGTGAAACACCAAAATGATA
CATACTGGAAAGAAACCCCATGAGTGTAAAGACTGTAATAAAACATTCAGTTACCTTTTATTCTTATTG
AACACCAGAGAACGCACACTGGGGAGAAACCTTATGAATGTACTGAGTGTGGAAAGGCCCTTAGCCGTGC
CTCCAACCTCACTCGACATCAAAGAATTCACATAGGAAAGAAACAATATATGTAGGAAATGTGGTAAA
GCATTTAGCAGTGGCTCAGAACTATTCGCCACCAGATTACACATACTGGAGAGAAACCTTATGAATGCA
TTGAATGTGGGAAGGCATTTCCGCCGTTTCTCACACCTTACTCGACATCAGAGCATCCATAACAACAAAAC
CCCGTATGAATGTAATGAATGTAGGAAAGCTTTCCGTTGCTCACTATTCCCTTATTAACATCAGAGAAT
CATGCTGGAGAAAAGCTCTATGAATGTGATGAATGTGGTAAAGTTTTCACTTGGCATGCATCCCTTATTC
AACATACGAAGAGTCACACTGGAGAGAAACCTATGCGTGTGCTGAATGTGATAAAGCCTTCAGCCGGAG
CTTTTCCCTATTCTACATCAGAGAAGTCACTAGGAGAGAAACCTATGTATGTAAGGTATGCAACAAA
TCCTTCAGCTGGAGCTCAAACCTTGCTAAACATCAGAGGACACACTCTTGACAACCCCTATGAATATG
AAAATTCATTTAATTACCACTATTCTTACTGAACACCAGTGA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_003440 unedited  
 NNTTGTAAATTTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGCTGAGT  
 CCCCCTTCTTCGTTTCTCCGCTAGTTGTGCGCTTGGCCGCGAGACTCTGGCAGTTATA  
 GGAACACAAAGTTTCTTGAGGCCGGCGGCTGGTTGGGGTGACGTCGGCGAGGCTTCTGA  
 AGACGCAATTCCTGCGACGCCCGGAGGGCCCTGGGGGGCGGCGCCGAGCGTCTGGCC  
 TGTGTTGGCTGTAGGCAACGAAAGGAGCCCTCCCGGCTGCGCCGGATGGCCCCGGGCGG  
 TGACTCGGTCCGGAGCCCTGGAACGCTACGCCACCTGGCGGAAAGCACCACGAAACGC  
 ATCCTTCTGTGGCACTGTTAGGTCTGCCATTTTACACTTTTCTGATCTCCTCCTCCCT  
 TCTGTGAGCTATGTCTCAGGGGTCAGTGACATTAGAGATGTGGCCATAGACTTCTCCCA  
 GGAGGAGTGGAAATGGCTTCAAGCTGCTCAAAGAGATTTGTACAGATGTGTAATGTTGGA  
 GAACTATGGCCATCTGGTCTCACTGGGTCTTCCATTTCTAAGCCAGATGTGGTTTCTT  
 ATTGGAGCAAGGAAAGAACCTGGCTGGGAAAGGGAAGTAAAAGAGATCTGTTTTT  
 AGTTTCAGAGTCAAGTGGTGAGATCAAAGACTTTTACCAAAAAATGTCATTTATGATGA  
 CTCATCCCAGTATTTGATCATGAAAGAATTCTAAGTCAAGGGCCCTGTGATTTCCAGTT  
 TTAAGGGAGCTGNNAAATGCAGGATCATACTGAGATGCTGNCAGAAATCAGGNATGAT  
 TANGAAAGTAACAGTCTCTCATCAAGAAGCCCTGGCTCACATATGAATATCAGTACTGTG  
 GAGAGGGCCTATGGATGCCATNNGATGTAAAAACT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_003440 unedited  
 TATGGACCGCGGCCGAATCTAGNGTCGAGTTTTTTTTTTTTTTTTTTTGTATGTTTCAA  
 CAAGAAAACTACTGTTTATTTTTATGTCAATATTGTAGTTACATTTTCAGAATCACAT  
 GGCTGTGGNGAAAAATCAGCAAGCAGAAGGTTTATAATAAACCAAAAAGATTTATTTATA  
 ACATTTTCTGAATTCACCTAAAAAACAAAAAGGAATCCCCCTCCCTCAAATAGAACCG  
 TTTCTACAGATTCATCCAGTATGACTTTTACAGATATCTAAGGAGATTTTGCTACACTT  
 ATTACAATGGTAGTTTTCCACAGTGAATTTCTCTGATATAGGTTTAAAATATTGCAGAA  
 AGTCACTCTACATTCATTTATACAGTTGCTTTTTCTCCTACAAGAGTATTTAAATTTAAG  
 TATTGCATTGTAATGAAGGCATTTCCAAATCACTGTGTTTGTATCACTTTGCTTAAATA  
 TGAATTTTCTGATCTCCAAAGTGATCATCTTTGTAAAGTCACTCCCTTGCCATGCATT  
 CTGCTCGTTGACAGATGCGGAATGAGGGCTAATCTCTGGCTTTCTCCAATCTATTGGA  
 TATGATTTCTTCTGGTAGGAATTTACACACGTAAAGTAAGGGACTCCTACCAATGAA  
 GTCTTCTCAACATTACCAGATGGAAGAATCTTCTCAACAATATTGATTTACCTTTGTTAT  
 TGCAAAAAATAAAAGAGTGGTTATTAATGGCTTTTCCCATATTCCTGGGTTTTTTTTTCT  
 CCAGGGTGGGAAATAAAGTGTGGCCATATTACTTACAGGCATCACTTTACATAAGCT  
 TCCTTCCAGAGTCTCTGAGNAAGGCATTATACTTCTTTTAAAAATCCCTACATTCGA  
 AGTTTTTCTTTCAGGGNAATTCAGTGGTNTCAGTAGGGATGANCGGGGATTAATGA  
 ATTTCTATTCTAGGGGCTGCCAGAGTGGTGG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_003440

**Insert Size:**

2600 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).

<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_003440.2</a></u> , <u><a href="#">NP_003431.2</a></u>
<b>RefSeq Size:</b>	3067 bp
<b>RefSeq ORF:</b>	1374 bp
<b>Locus ID:</b>	7699
<b>UniProt ID:</b>	<u><a href="#">P52738</a></u>
<b>Cytogenetics:</b>	12q24.33
<b>Domains:</b>	KRAB, zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).