

## Product datasheet for **SC101481**

### Zinc finger protein 682 (ZNF682) (NM\_033196) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zinc finger protein 682 (ZNF682) (NM_033196) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF682
Synonyms:	BC39498_3
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033196, the custom clone sequence may differ by one or more nucleotides

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ATGGAAGTGTGACATTCAGGGATGTGACCATAGAATTCTCTCTGGAGGAGTGGGAGTTTCTGAACCCTG
CTCAGCAGAGTTTGTATAGGAAAGTGATGCTAGAGAACTACAGAAACCTGGTCTCTCTGGGTCTTACTGT
TTCTAAGCCAGAAGTATTAGCCGTCTGGAGCAAAGACAGGAGCCCTGGAATGTGAAGAGACATGAGACC
ATAGCCAAACCCAGCTATGTCTTCTCATTACACTGAAGACCTTTTCCAGAACAGTGCATGCAAGATT
CATTCCAAAAGTGATACTGAGAAGATATGGAAGCTGTGGACTTGAGGATTTACACTTAAGGAAGGATGG
GGAAAATGTGGGTGAGTGTAAAGGATCAAAAAGAAATTTATAATGGACTTAACCAATGTTTGTCAACTCTA
CCTAGCAAAATTTCCCATATAATAATGTGTGAAAGTCTTTAGTAAATCATCAAATCTAAATAGAGAAA
ACATAAGACATACTACAGAGAACTTTTCAAATGTATGCAATGTGGCAAAGTCTTTAAATCTCACTCAGG
CCTTTCTTATCATAAGATAATTCACACTGAAGAGAACTCTGCATATGTGAGGAATGTGGCAAACCTTT
AAGTGGTTCTCATACCTTACTAAACATAAGAGAATTCACACTGGAGAGAAACCATACAAATGTGAAGAAT
GTGGCAAAGCTTTTAACTGGTGCAGTCTTACTAAACATAAGAGAATCCATACTGGTGAAGAAACCTA
CAAATGTGAAGAATGTGGAAAAGCCTTTCACCTGGTGTTCACCCTTTGTTAGACATAAGAAAATTCATACA
GGAGAAAACCCATACATGTGAAGACTGTGGCAGAGCGTTTAAACGGCACTCACATCTCACCAAAACATA
AGACAATTCACACTGGAAAGAAACCCATACAAATGTAAAGAATGTGGGAAAGCCTTTAACCCTGCTCACT
ACTTACTATACATGAGAGAACCCATACGGGAGAGAAACCCATAAATGTGAAGAATGTGGCAAAGCTTTT
AACTCATCATCAATTTACTGAACATAAGGTAATTCATAGCGGAGAGAAACCCATACAAATGTGAAAAAT
GTGACAAAGTCTTTAAGAGGTTCTCATACCTTACTAAACACAAGAGAATTCACACTGGAGAGAAACCCTA
CAAATGTGAAGAATGTGGCAAAGCTTTTAACTGGTCTCAATCCTTACTGAACATAAGAGAATTCATACT
GGAGAGAAACCCATCAACTGTGAAGAATGTGGAAAAGCCTTTAATCGGTGCTCACACCTTACTAGACATA
AGAAAATTCATACTGCCGTCAAACGCTATAAATGTGAAGAATGTGGCAAAGCTTTTAAACGGTCTCACA
TCTTAATGAACATAAGAGAGTTCAAAGAGGAGAGAAATCCTGCAAGTATAAAAAATGTGGGAAGCTTTT
AATCACTGCTCAAACCTTACTACGTAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_033196 unedited GGCGGCCCGGATTTCGGCACGAGGGACTGTCGACGCTCTGTTGCCCTCTGACTTGCAGATGCTGTGAGATCCAGAGCTAAGACTCCACGACATCCCGGAAGCCGAAAAATGGAAGTGTGACATTCAGGGATGTGACCATAGAATTCTCTGGAGGAGTGGGAGTTTCTGAACCCTGCTCAGCAGAGTTTGTATAGGAAAGTGTAGCTAGAGAACTACAGAAACCTGGTCTCTCTGGTCTTACTGTTTCTAAGCCAGAAGTATTAGCCGCTGGAGCAAAGACAGGAGCCCTGGAA TGTGAAGAGACATGAGACCATAGCCAAACCCCAAGCTATGTCTTCTCATTACACTGAAGA CCTTTTGGCAGAACAGTGCATGCAAGATTCATTCCAAAAAGTGATCTGAGAAGATATGG AAGCTGTGGACTTGAGGATTTACTACTTAAGGAAGGATGGGGAAAAATGTGGGTGAGTGTA AAGCTGTGGACTTGAGGATTTACTACTTAAGGAAGGATGGGGAAAAATGTGGGTGAGTGTA GGATCAAAAAGAAATTTATAATGGACTTAACCAATGTTTGTCAACTCTACCTAGCAAAAAT TTTCCCATATAATAAATGTGTGAAAGTCTTTAGTAAATCATCAAATCTAAATAGAGAAAA CATAAGACATACTACAGAGAACTTTTCAAATGTATGCAATGTGGCAAAGTCTTTAAATC TCACTCAGGCCTTTCTTATCATAAGATAATTCACACTGAAGAGAACTCTGCATATGTGA GGGAAATGTGGCANAACCCCTTANNAGTGGTCTCATACCCTTACTAAACATAAGAGNAATT CACACTGGGAGAGAACCANNACAATGTGAAGAATGTGGCANAGCTTTNAACTGGGTGC CTCGAGTCTTACCTAACATAGAGAATCCATACTGGTGGAGAAAC
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_033196
<b>Insert Size:</b>	3330 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>	<a href="#">NM_033196.1</a> , <a href="#">NP_149973.1</a>
<b>RefSeq Size:</b>	1497 bp
<b>RefSeq ORF:</b>	1497 bp
<b>Locus ID:</b>	91120
<b>UniProt ID:</b>	<a href="#">O95780</a>
<b>Cytogenetics:</b>	19p12
<b>Domains:</b>	KRAB, zf-C2H2
<b>Protein Families:</b>	Transcription Factors

**Gene Summary:**

May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and it encodes the longer protein (isoform 1).