

## Product datasheet for **SC100646**

### ZNF449 (NM\_152695) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF449 (NM_152695) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF449
Synonyms:	ZSCAN19
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_152695, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGTGGCCCTGGGTTGTGCAATCCAGGCATCCTTGAATCAAGGCTCTGTGTTTCAAGAATATGATA
CTGACTGTGAAGTTTTCCGTCAGCGCTTCAGGCAGTTCAGTACAGAGAAGCAGCTGGCCCTCATGAAGC
ATTTAACAACTCTGGGAGCTTTGCTGTCAATGGCTGAAGCCAAAGATGCGCTCTAAGGAACAAATCCTG
GAGCTGCTAGTGTGGAGCAATTCCTAACTATCCTGCCACAGAGATAGAGACCTGGGTGAGGGAGCACT
GCCAGAGAATAGAGAAAGAGTTGTGCTACTGATAGAAGACTTACAGAGAGAACTTGAGATACCAGAGCA
GCAGGTTGATATGCATGACATGCTCTTGGGAAGAACTGGCACCAGTGGAAACGGCACACATAACCACCAACC
ATGCACCTAGAGTCACCTGCACTCCAGGTAATGGGACCTGCCAGGAGGCCCCAGTAGCAGAGGCATGGA
TCCACAGGCAGGGCCACCGGAGCTGAACTATGGTGTACTGGAGAATGTCAGAACTTTCTGGACCCTGG
ATATCCATTACCAAACTTGACATGAACTTCTCATTGGAGAATAGAGAAGAGCCATGGGTGAAGGAATTA
CAGGATTCTAAAGAAATGAAACAATTACTTGATTCCAAGATAGGTTTTGAGATCGGGATAGAAAATGAAG
AAGATACTTCAAACAGAAAAAATGGAGACTATGTATCCATTTATTGTAACCTTATAGAGGGGAATGCTCT
CCAGGGTCCCATTTTGCAAAAAGACTATGTACAGTTAGAAAATCAATGGGAAACCCCCAGAGGATTTA
CAGACAGATTTAGCAAACTGGTAGATCAGCAGAACCCCACTCTGGGAGAGACACCTGAGAACTCCAAC
TGAAGAACCTCTCAACCCTAAACCCACAAGAAAAAGAGTCCAGGAGAGAAACCTCACCGATGCTCTCA
GTGTGGAAAATGTTTTGCTCGGAAGTCACAACTTACTGGGCATCAGAGAAATTCATTACAGGAGAAGAACCT
CACAAATGCCCTGAATGTGGGAAAAGATTCTTCGTAGTTCAGACCTTTATAGACACCAACGACTTCATA
CAGGGGAGAGACCCTATGAATGCACTGTATGTAAGGCGATTCACTCGGCGGTACATCTTATAGGGCA
CCAGAGAACCCATTCTGAAGAAGAAACATATAAATGTCTTGAGTGTGGGAAAAGTTTTGTGATGGATTA
AGTCTTAAAAGACATCTGAAAACCTACACAGTGAAAACCTCATAGATGTCATAAATGTGGGAAAAGTT
TTAGTCTGACTGACAGCTCTTAACTTTCACACAGAGAACGCATACTGAAGAGAGACCTTTTAAATGTAATTA
TTGTGGGAAAAGTTTTAGACAGAGACCAAGCCTCGTTATTCATTTAAGAATCCACACAGGGGAGAAGCCA
TACAAGTGTACTATTGTTCTAAAAGCTTCAGACAGAGAGCCGGCCTTATTATGCACCAGGTCACCTCACT
TTAGAGGACTTATTTAA
    
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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_152695 unedited

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ATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTCCCTCCCACCCCAACGAT
TTCAGAGAGAAACAGTCGGAATCTGAGAAGTGAGGCTCCAGATAAACTGTAACTGCTGG
AAGGGGGCGATGGCTGTGGCCCTGGGTTGTGCAATCCAGGCATCCTTGAATCAAGGCTCT
GTGTTTCAAGAATATGATACTGACTGTGAAGTTTTCCGTCAGCGCTTCAGGCAGTTCCAG
TACAGAGAAGCAGCTGGCCCTATGAAGCATTTAACAACTCTGGGAGCTTTGCTGTCAA
TGGCTGAAGCCAAAGATGCGCTCTAAGGAACAAATCCTGGAGCTGCTAGTGTGGAGCAA
TTCCTAACTATCCTGCCACAGAGATAGAGACCTGGGTGAGGGAGCACTGCCAGAGAAT
AGAGAAAAGAGTTGTGCTACTGATAGAAGACTTACAGAGAGAACTTGAGATACCAGAGCAG
CAGGTTGATATGCATGACATGCTCTTGGGAAGAACTGGCACCAGTGGAAACGGCACACATA
CCACCAACCATGCACCTAGAGTCACCTGCACTCCAGGTAATGGGACCTGCCAGGAGGCC
CCAGTAGCAGAGGCATGGATCCCACAGGCAGGGCCACCGGAGCTGAACTATGGTGTACT
GGAGAATGTCAGAACTTTCTGGACCCTGNATATCCATTACCAAACTTGACATGAACTT
CTCATTGGAGAATAGAGAAGAGCCATGGGTGAAGGGATTACAGGATTTAAAGAAATGAA
ACCATTACTTGATTCCAGNATAGGTTTTGAGATCGGGATAGAAAATGAAGAAGATACTTCA
NACAGAAAAATGGAGACTATGTATCCATTTATTGTAACCTAGAGGGGATGCTCTCCAGGG
TCCCATTTGCAAAAAGAN
    
```

**Restriction Sites:** NotI-NotI

**ACCN:** NM\_152695

**Insert Size:** 4000 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_152695.3</a> , <a href="#">NP_689908.2</a>
<b>RefSeq Size:</b>	4035 bp
<b>RefSeq ORF:</b>	1557 bp
<b>Locus ID:</b>	203523
<b>UniProt ID:</b>	<a href="#">Q6P9G9</a>
<b>Cytogenetics:</b>	Xq26.3
<b>Domains:</b>	LER, zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	This gene encodes a nuclear protein that likely functions as a transcription factor. The protein includes an N-terminal SCAN domain, and seven C2H2-type zinc finger motifs. [provided by RefSeq, May 2010]