

## Product datasheet for **SC319195**

### ZNF496 (NM\_032752) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF496 (NM_032752) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF496
Synonyms:	NIZP1; ZFP496; ZKSCAN17; ZSCAN49
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:**

```
>OriGene sequence for NM_032752.1
GGCCCCGCGCCCGCCTCCGCGGGCCGCGCTCCAGCCAGAGCCAGCGCTCAGGAAGGT
GCGGGCGGGGAGAAAGCAACACCATTGTTTTTCAGGCGCTCCATTTGCCCCGAGCCG
AGCCGTGGCTTTCCGGATGATCGGGAGACGCGGTCTGGACGGGCCGGAAAGGAGCCGG
CGCTGCGGAGACCCCGCTCAGCGAGTACGCCGGCCGGGCGGGCTGGGAGGATGAGGA
CGGCTGCCCTGGACTTCCGCCGCCACAGGAGGGTTTTTCGGCCGGACCCGGGAGGGAGCT
CCAGGCTGTGAGCTCCATTTGTAAGGTCTTAATAACAAGAACAGTGACTTCGGCTCCGG
AGCTTCAAGATAGTGGCCTGCTTGGCCTGCCATCTCGGATCTCTCCAGGAGACCAGC
CACCAAGGGTCTTCTGCTGCTGACCCCATCAAATCCCATCATGCCACAGCCCTG
TGCCCCGAGTCTTGGCTCCGAAGGAAAGTGAGGAGCCAGGAAAATGAGGAGCCACCT
GGAGAGAACCTAGCCCCAGGGGAGCTTCCAGCCCGAGTCTCTCGGCTCTTTC
CGCCGTTTCCGCTACCAGGAGGCGGGCCCGGGAGGCCCTGCAGCGCTCTGGAC
CTGTGCGGGGCTGGCTGCGGCTGAGAGGCACACCAAGGAGCAGATTCTGGAGCTGCTG
GTGCTGGAGCAGTTCCTGCCATCTGCCCGGGAGATCCAGAGCTGGGTGCGGGCGAG
GAGCCTGAGAGCGGAGAGCAGGCTGTGGCCGGTGGAGGCACTGGAACGGGAGCCGGG
AGACCCTGGCAGTGGCTCAAGCACTGTGAAGACCTGTGGTGATTGATGATGGGGACAGC
CCTCTGGACCAGGAGCAGGAGCAGCTGCCGGTAGAGCCACAGCGACCTTGCAAAGAAC
CAGGATGCCAGCCATAACCCTGGCACAGTGCCTGGGGCTCCCAAGCAGACCACCAAGC
CAGCTCAGCGGGACCCAGTTCTGCAAGATGCTTTCCTTCTCAGGAAGAGAATGTGCGG
GACACACAGCAGGTGACCACCCTCCAGCTACCCCGAGTGGGTTTTCTCCATTCAAGGAC
ATGATTTATGCTTCTCTGAAGAGGATTGGTCCCTTAGATCTGCCAGACTGGCTTC
TATGGAGATTTCATCATTGGGGAGGATTACGGGGTCTCAATGCCTCCAAACGACCTAGCT
GCCCAGCAGATCTCTCCAGGAGAGGAGAATGAGCCACGCGTTCAGAGTTGCAGGAT
CTCCAGGCAAGAAGTGGCCAGGTCTCCTACTTGGACTCTCCAAGTCTCCAGCCATTC
CAGGTAGAAGAAAAGAAACGTGAGGAGCTGCAGGTGCCAGAGTTCAGGCCTGCCCA
CAGACGGTGGTGCCTCAAAACACCTACCCAGCTGGCGGCAACCCGCGATCTTAGAGAAC
AGCCTGGATGAAGAAGTGACCATCGAGATCGTTCTCTCCAGCTCTGGGGACGAGGACTCC
CAGCATGGCCCGTACTGCACAGAAGAGCTGGGGAGCCCAAGAGAGCAGCGCAGCCTC
CCCGCTCCACCGGAGCAGCACCGAGGCCGAGGCGAGGTGCAGACCTCCAAGAAGTCC
TACGTGTGTCGAACTGTGGAAAATCTCCGCTGGAGGGTCACTTCATCCGGCATCTG
CGGAGCCGAGGGAGCAGGAGAAGCCGACGAGTCTCGGTGTGCGGGGAGCTGTTGAGC
GACAGCGAGGACCTGGATGGGCACCTAGAGAGCCACGAGGCCAGAACGCTTACCGGTGT
GGTGCCTGCGGGAAGAGCTTCCGCTGAACTCCCACCTGCTCTCCACCGGCGGATACAC
CTGCAGCCGACAGACTCCAGCCGGTGGAGAAGAGAGAGCAGGGGCATCCGAGGACGG
GACAAGGGTCCAAAGAGCCGCTGGAAAACGGCAAGGCCAAACTGAGCTTCCAGTGTGT
GAGTGTGGGAAGGCCCTCCAGCGGCACGACCACCTGGCTCGGCACCGCAGCCACTTTCAC
CTGAAGGACAAAGCCCGCCCTCCAGTCCCGTACTGCGTCAAGAGCTTACGCAGAAC
TATGACCTCCTCCGCCACGAGCGCTGCACATGAAGCGCCGTTCCAAGCAGGCTCTGAAC
TCCTACTGAGCCTCTCCGCTGGGGCGGCTCACCTGGCTGGTGTGCTGCCCTCACCTT
GGTACTGATCAGCGCCCCACCCAGGACATACCTTCCCCAGGATAGAGAGCACACCTCCC
TCTGTCTTGTCTCAGGTAGTGAGCGTTCCGGTGGTGCATGGGAGCACTCTCCCTCC
CCCAGGTAATGAAAGAGTGGCCAAGTGAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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**Restriction Sites:**

Please inquire

**ACCN:**

NM\_032752

**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).

<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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_032752.1</a> , <a href="#">NP_116141.1</a>
<b>RefSeq Size:</b>	2453 bp
<b>RefSeq ORF:</b>	1764 bp
<b>Locus ID:</b>	84838
<b>UniProt ID:</b>	<a href="#">Q96IT1</a>
<b>Cytogenetics:</b>	1q44
<b>Domains:</b>	KRAB, LER, zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>DNA-binding transcription factor that can both act as an activator and a repressor. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>