

## Product datasheet for **SC316397**

### ZNF419A (ZNF419) (NM\_001098491) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF419A (ZNF419) (NM_001098491) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF419A
Synonyms:	ZAPHIR; ZNF419A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_001098491 edited  
 ATGGCGGGCCGCCCTGAGGGACCCCGCTCAGGTTCTGTGGCTGCAGACTTGCTTACA  
 GACCATGAGGAGCAGGGCTATGTGACCTTTGAGGATGTGGCTGTCTACTTCTCCCAGGAG  
 GAATGGAGATTGCTTGATGACGCTCAGAGGCTCCTCTACCGCAATGTGATGCTGGAGAAC  
 TTTACACTTCTGGCCTCTCTGGGACTTGCATCTTCCAAGACCCATGAAATAACCCAGCTG  
 GAGTCATGGGAGGAGCCCTTCATGCCTGCTTGGGAAGTTGTGACTTCAGCCATACCGAGA  
 GGTTGTTGGCATGGAGCCGAGGCTGAGGAGGCTCCTGAGCAGATTGCTTCTGTAGGACTG  
 CTCAGTTCAAACATTCAGCAACACCAGAAGCAGCACTGTGGAGAGAAACCCCTAAAAAGA  
 CAAGAGGGCAGGGTCCCAGTTTTGAGGAGTTGCAAAGTTCACCTATCAGAGAAGTCCCTG  
 CAAAGCAGGGAGGTTGGGAAGGCCCTCCTGATCAGCTCAGGTGTTCTCAAGCACCAGGTG  
 ACTCACACAGGAGAGAAGTCACATAGGAGCTCCAAAAGTAGGGAGGCCTTTCATGCTGGA  
 AAAAGGCATTACAAATGCAGTGAATGTGGGAAAGCCTTTGGTCAGAAATATTTACTTGTT  
 CAGCACCAGAGACTACATGCTGGGAAAAAGACGTATGAATGCAGTGAATGTGGGAAGTTA  
 TTTAGAGATATGTCCAACCTTTTTATACACCAATAGTTCACACTGGAGAAAAGGCCTTAC  
 GGGTGTAGTAACTGTGGAAAATCCTTTAGCCGTAATGCTCACCTCATTGAACACCAGAGA  
 GTTCACACTGGAGAAAAGCCTTTACATGCAGTGAATGTGGAAAAGCTTTCAGGCATAAT  
 TCCACACTTGTTGAGCATCACAAAATCCACACTGGAGTAAGGCCTTATGAGTGCAGTGAA  
 TGTGGAAAATGTTTAGTTTCAACTCCAGCCTCATGAAACATCAGAGAATTCACACTGGA  
 GAAAGACCTTATAAGTGCAGTGAATGTGGAAAATCTATAGCCACAAGTCCAACCTTATC  
 AAACATTGGCGTGTTCATCTGGAGAAAAGCCTTACAAGTGCAGGACTGTGGAAAATTT  
 TTTACCCAATGCTCAAGCCTCATGCAACATCAAAAAGTTCACACTGGAGAAAAGCCTTTT  
 AAGTGAATGAATGTGGGAGATTCTTTAGAGAGAATCCACCCTAGTTAGACATCAGAGG  
 GTTCACACTGGAGCAAAGCCTTATGAGTGCAGGGAATGTGGAAAATTTTTAGCCAAAGC  
 TCAACCCTCATGCAACATCGAAAAGTTCACATTGGAGAAAAGCCTTTTAAGTGAATGAA  
 TGTGGGAGATTGTTAGAGAGAATTCAGCCTTGTTAAACATCAGAGGGTTCACACTGGA  
 GCAAAGCCTTATGAGTGCAGGGAATGTGGGAAGTTTTTCGCCACAACCTCCAGTCTTTT  
 AAACATCGAAGGATTCACACTGGAGAAAATGCAGTGA



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_001098491
<b>Insert Size:</b>	2700 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>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>	<u><a href="#">NM_001098491.1</a></u> , <u><a href="#">NP_001091961.1</a></u>
<b>RefSeq Size:</b>	2384 bp
<b>RefSeq ORF:</b>	1536 bp
<b>Locus ID:</b>	79744
<b>UniProt ID:</b>	<u><a href="#">Q96HQ0</a></u>
<b>Cytogenetics:</b>	19q13.43
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).