

Product datasheet for **SC320307**

ZNF419A (ZNF419) (NM_024691) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF419A (ZNF419) (NM_024691) 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)



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Fully Sequenced ORF: >OriGene sequence for NM_024691.2
 GACTCAGGTGAACTAACCTGCGAGAAGCTGGTTGTGCGCTGAGGCGACCAGCGCCGGAAG
 GCACGGTGGCGACTCACGCTGTTCTCGCCGCTCAGAGGCGGGTCTGAGGCTCGGTGGCGG
 CGCCAGGGTGGCCCGGGCCCTTCTCGGTCAATTGTCTCCCCTCAGCTCTACTCACAG
 GCTCCGATGGCGGCGCCGCCCTGAGGGACCCGCTCAGGTTCTGTGGCTGCAGACTTG
 CTTACAGACCATGAGGAGGGCTATGTGACCTTTGAGGATGTGGCTGTCTACTTCTCCAG
 GAGGAATGGAGATTGCTTGATGACGCTCAGAGGCTCCTCTACCGCAATGTGATGCTGGAG
 AACTTTACACTTCTGGCCTCTCTCGGACTTGCATCTTCCAAGACCCATGAAATAACCCAG
 CTGGAGTCATGGGAGGAGCCCTTCATGCCTGCTTGGGAAGTTGTGACTTCAGCCATACCG
 AGAGGTTGTTGGCATGGAGCCGAGGCTGAGGAGGCTCCTGAGCAGATTGCTTCTGTAGGA
 CTGCTCAGTTCAAACATTCAGCAACACCAGAAGCAGCACTGTGGAGAGAAACCCTTAAAA
 AGACAACAGGGCAGGGTCCAGTTTTGAGGAGTTGCAAAGTTCACCTATCAGAGAAGTCC
 TTGCAAAGCAGGGAGGTTGGGAAGGCCCTCTGATCAGCTCAGGTGTTCTCAAGCACCAG
 GTGACTCACACAGGAGAGAAGTCACATAGGAGCTCCAAAAGTAGGGAGGCCCTTTCATGCT
 GGGAAAAGGCATTACAAATGCAGTGAATGTGGGAAAGCCTTTGGTCAGAAATATTTACTT
 GTTCAGCACCAGAGACTACATGCTGGGAAAAGACGTATGAATGCAGTGAATGTGGGAAG
 TTATTTAGAGATATGTCCAACCTTTTTATACACAAATAGTTCACACTGGAGAAAGGCCCT
 TACGGGTGTAGTAACTGTGGAAAATCCTTTAGCCGTAATGCTCACCTCATTGAACACCAG
 AGAGTTCACACTGGAGAAAAGCCTTTTACATGCAGTGAATGTGGAAAAGCCTTTCAGGCAT
 AATTCACACTTGTTCAGCATCACAAAATCCACACTGGAGTAAGGCCCTTATGAGTGCAGT
 GAATGTGGAAAATGTTTGTAGTTTCAACTCCAGCCTCATGAAACATCAGAGAGTTCACACT
 GGAGAAAAGCCTTATAAGTGCAGTGAATGTGGAAAATTCATAGCCACAAGTCCAACCTT
 ATCAAACATTGGCGTGTTCATACTGGAGAAAAGGCCCTTACAAGTGCAGCGACTGTGGGAAA
 TTTTTTACCCAATGCTCAAGCCTCATGCAACATCAAAAAGTTCACACTGGAGAAAAGCCT
 TTTAAGTGAATGAATGTGGGAGATTCTTTAGAGAGAATTCACCCCTAGTTAGACATCAG
 AGGTTTACACTGGAGCAAAGCCTTATGAGTGCAGGGAATGTGGGAAAATTTTTAGCCAA
 AGCTCAACCCTCATGCAACATCGAAAAGTTCACATTGGAGAAAAGCCTTTAAGTGAAT
 GAATGTGGGAGATTGTTTAGAGAGAATTCAGCCTTGTAAACATCAGAGGGTTCACACT
 GGAGCAAAGCCTTATGAGTGCAGGGAATGTGGGAAAGTTTTTTCGCCACAACCTCAGTCTT
 TTTAAACATCGAAGGATTCACACTGGAGAAATGCAGTGAATGTGTGAAATCCTTTAGCCA
 GCGTTTTAACCTCATTCAACACCAGAAAGTTCACAGTGGAAAAATCTTGAAGGTAACAG
 ATGGAAATCCGTTAGCCACACCTCCAGTCTCATTCAACACTGGACAGTTTACAATGTGGA
 CAATGTAGTGAATATGGAAAAGTTTTAGCCAAAGGCCCTAACCTATTCAACACCAGAA
 AGTTTAGAATGGAGAAAAGCCTTAGGGTGCAGGTTATGTACTGTCTCTGAATCAATATG
 ACCTCACTTAAAACAGAACTCTGAGGATGGCCTTTATGAGGGAGCTGGCAATTGAACAT
 CATTCTATAATATGCACACTGGAGGCAAGATGAGAATTCCTGCAGATTGTCTTCTCT
 GAGAAGACAGCCCTCTGCCTTGGAGCTCCAGAGAGAGGGAGCCCTGTATTCTTGGCTGTA
 CCCGTCGAATGGAGTTTTGATCTCGCTGAGTTTGGAGTTGGGGGAGGAAAGGAGTGGTCT
 TGGTTCAAATGTGACTCACTTTTGTCTTGTGAATGTAGATCTTCTTTAATAAATA
 TTTATTTCCATACACCCCTTATGACCATTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_024691

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).

OTI Annotation:	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.
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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM_024691.2</u> , <u>NP_078967.2</u>
RefSeq Size:	2327 bp
RefSeq ORF:	1533 bp
Locus ID:	79744
UniProt ID:	<u>Q96HQ0</u>
Cytogenetics:	19q13.43
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	<p>May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1.</p>