

## Product datasheet for **SC336023**

### ZNF419A (ZNF419) (NM\_001291744) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | ZNF419A (ZNF419) (NM_001291744) Human Untagged Clone                                       |
| Tag:                      | Tag Free   |
| Symbol:                   | ZNF419   |
| Synonyms:                 | ZAPHIR; ZNF419A  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |
| Fully Sequenced ORF:      | >SC336023 representing NM_001291744.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s) |

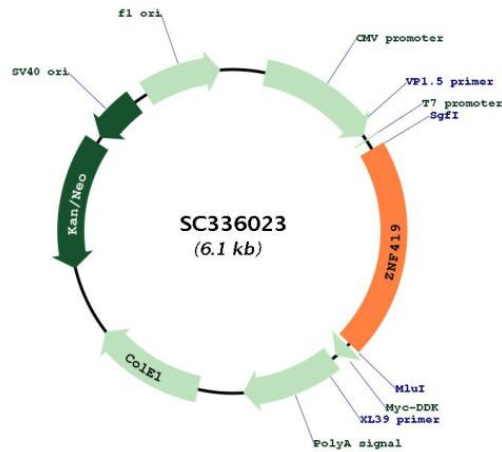
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GCTCGTTTGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGGAGAAGTTACACTTCTGGCCTCTCTGGGTTGTTGGCATGGAGCCGAGGCTGAGGAGGCTCCT
GAGCAGATTGCTTCTGTAGGACTGCTCAGTTCAAACATTCAGCAACACCAGAAGCAGCACTGTGGAGAG
AAACCCCTAAAAAGACAAGAGGGCAGGGTCCCAGTTTTGAGGAGTTGCAAAGTTCACCTATCAGAGAAG
TCCTTGCAAAGCAGGGAGGTTGGGAAGGCCCTCTGATCAGCTCAGGTGTTCTCAAGCACCAGGTGACT
CACACAGGAGAGAAGTCACATAGGAGCTCCAAAAGTAGGGAGGCCCTTCATGCTGGAAAAAGGCATTAC
AAATGCAGTGAATGTGGGAAAGCCTTTGGTCAGAAATATTTACTTGTTCCAGCACCAGAGACTACATGCT
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TTCAGGCATAATCCACACTTGTTCAGCATCACAAAATCCACACTGGAGTAAGGCCTTATGAGTGCAGT
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GCAAAGCCTTATGAGTGCAGGGAATGTGGGAAGTTTTTCGCCACAACCTCAGTCTTTTTAAACATCGA
AGGATTCACACTGGAGAAATGCAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```



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Restriction Sites: SgfI-MluI

**Plasmid Map:**



ACCN: NM\_001291744

Insert Size: 1269 bp

**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).

**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:**

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: [NM\\_001291744.1](#)

RefSeq Size: 2301 bp

RefSeq ORF: 1269 bp

Locus ID: 79744

UniProt ID: [Q96HQ0](#)

Cytogenetics: 19q13.43

Protein Families: Transcription Factors

**MW:** 48.6 kDa

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (9) uses an alternate splice site and it thus differs in its 5' UTR and initiates translation at a downstream in-frame start codon, and it also lacks an in-frame exon in the 5' coding region, compared to variant 1. The encoded isoform (9) is shorter at the N-terminus, compared to isoform 1.