

## Product datasheet for **SC336170**

### ZNF718 (NM\_001289930) Human Untagged Clone

#### Product data:

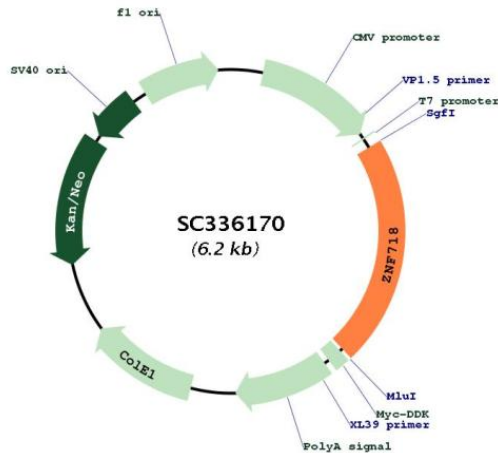
Product Type:	Expression Plasmids
Product Name:	ZNF718 (NM_001289930) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF718
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336170 representing NM_001289930. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTGGAGAACTACAGAAACCTGGTCTCCCTGGGTGTTAGTATCTCTAACCCAGACCTGGTCACCAGT
CTGGAGCAAAGAAAAGAGCCCTACAATTTGAAGATACATGAAACAGCAGCCAGACCCCGAGCTGTGTGT
TCTCATTTACCCAAAACCTTTGGACAGTGCAGGGCATAGAAGATTCATTCCACAAAATTATACAAAA
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AAAGGTGGTTATAATAGAATTAACCAATGCTTATTAACACCCAGAAAAACAATTCAATCTAATATA
TGTGTCAAAGTTTTTCATAAATTTCAAATTCAAACAAAGATAAGATAAGATATACTGGAGATAAAACC
TTTAAATGTAAAGAATGTGGCAAATCATTTCACGTGCTCTCACGCCTAACTCAACACAAAAGAATTCAT
ACTGGAGAGAACCCTACACATGTGAAGAATGTGGCAAAGCCTTTAATTGGTCTCAATTCTTACTAAA
CATAAGAGAATTCATGCCAGAGAGAAATTCACAAGTGTGAAGAATGTGGTAAAGGCTTTACTCGGTCC
TCACACCTTACTAAACATAAGAGAATTCATACTGGAGAGAAACCCTACATATGTGAAAAATGTGGTAAA
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AAACCCTTCTCATGCGAAGAATGTGGCAATGTCTTTACCACATCCTCAGACTTTGCTAAACATAAGAGA
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ACGACACATAAGAGAATCCATACTGGAGAGAAACCCTACACATGTGAAGAATGTGAAAAAGCCTTTAAT
TGGTCCCAACCCTTAATGTACACAAGAGAATTCCTCTGGAAAAATCCCTACAATGTGAAGATTGT
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ATATGTAAACAATGTGGCAAAGCCTTTAAACAGTCTCACACTTGAATAAACATAAGAAAATTCACACT
GTAGATAAACCTTACAAATGTAAAGAATGCGGAAAGCTTTAAGCAGTACTCCAACCTTCTCAACAT
AAGAGAATCATACTGGAGGAAAATTTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001289930

**Insert Size:** 1341 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\\_001289930.1](#)

**RefSeq Size:** 4292 bp

**RefSeq ORF:** 1341 bp

**Locus ID:** 255403

**UniProt ID:** [Q3SXZ3](#)

**Cytogenetics:** 4p16.3

**MW:** 51.5 kDa

**Gene Summary:**

May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in its 5' UTR and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a. Both variants 2 and 3 encode isoform b.