

## Product datasheet for **RC205617**

### ZNF519 (NM\_145287) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF519 (NM_145287) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF519
Synonyms:	HsT2362
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC205617 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAACTCTTAACATTCAGGGATGTGGCCATAGAATTCTCTCCAGAAGAGTGGAATGCCTAGACCCTG  
 CCCAACAGAATTTATATAGAGATGTGATGTTGGAGAACTACAGAAACCTCGTCTCCCTGGCTGTGTATTC  
 TTATTACAACCAAGGCATTTTACCAGAGCAAGGCATACAAGATTCATTAACAAAAAGCAACTGGGAAGA  
 TATGGGAGCTGTGGCCTTAAAAATATAGCTTATGGAAAACTGGGAAAGTATAGGTGAAGGTGAAGGAC  
 AAAAGGAATGTTATAATCTATGTAGCCAATTTTGACAACTAGTCATAACAAACATTTAACTGTGAAAGG  
 AGACAAAGAATATAGAATATTTCCAGAAGAAGCCTCAGTTTCTGTCAGCTGCTCTACAGAACCATGTATT  
 CCTATGAATAAATATCAACATAAATTTTGAATCTGTCTTTTGAATAAAAAATCAGATAAATTTAAACC  
 ATGACTCAGATATTAGTAAACATCATAGTACTCATTTTCTAGAAAATTTACAATTGTAATGAATGTGA  
 AAAAGTATTTACCAATCCTCAAAGCTTATTTTCCCTGAAAATATCCATATTCAGAAAAAGCCTTACAAC  
 TCTAATGAATGTGGTGAACCTTCTGACCCATTCTCAAAGCTTACTCAACATCAAAGAATTTATATTGGAG  
 AGAGCTCACAAGATGTAATAAAAAATGTATAATAGTCTTTAGTCAATCACAATCAAAGGACATAAGAT  
 AATTAACACTGGAGAAAAATCAGTGAATATAAAGAAGCTGGCAAAGCTTTTACCAGGGGCTTACATCTT  
 GGACATCAGAAAAATTCATACTGGAGAGAAACCTTACAAATGTAAAAAATGTGACAAAGCCTTTAAACAAGA  
 GTTCACACCTTGCTCAACATCAGAGAATCCATACTGGAGAGAAGCCTTTCAAGTGAAGGAATGTGGCAA  
 AGCTTTTAAACAGAGGCTCATACCTTACTCAACATCAGAGAATCCATACTGGAGAGAGAGCTTTCAAATGT  
 GAAGAATGTGGCAAAGCCTTTAACAGGGGGTCTACCTTACTCAACACCAGAGAATCCATACCGGAGAGA  
 AACCTTTCAGATGTAAGGAATGTGGCAAAGCCTTTAATAGAAGCTCATACGTTACTCAGCATCAGAGAAT  
 GCATACTGGAGAGAAACCTTTCAAGTGAAGGAATGTGGCAAAGCTTTTAAACAGAGCTTACACCTTACT  
 CAACATCAGAGAATCCATACTGGAGAGAAACCTTCAAATGTAAGAATGTGGCAAAGCCTTTAACAGGG  
 GCTCACACCTTACTCGACATCAAAGAATCCATACTGGAGAGAAGTCTTTCAAATGTGAAGAATGTGGCAA  
 AGCTTTTATCTGGGGCTCACACCTTACTCAACATCAGAGAGTCCATACTGGAGAGAAATCTTCAAATGT  
 AAAGAATGTGGCAAAGCCTTTACCAGGAGCTCACACCTTACTCAACATCAGAGAATTCATACTGGAGAGA  
 AACCTTTCAAATGTAAGAATGTGGCAAAGCCTTTAACAGACGCTCAACCCTTACTCAACATCAAATAAT  
 TCATACCAGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC205617 protein sequence  
 Red=Cloning site Green=Tags(s)

MELLTFRDVAIEFSPEEWKCLDPAQQNL YRDVMLENYRNLVSLAVYSYYNQGI LPEQGIQDSFKKATLGR  
 YGSCGLENICLWKNWESIGEGEQKECYNLCSQYL TTSHNKHLTVKGDKEYRIFQKQPFLSAAPTPEPCI  
 PMNKYQHKFLKSVFCNKNQINFNHSDISKHHSTHFL ENYNCNECEKVFYQSSKLIFPENIHIQEKPYN  
 SNECGETSDPFSKLTQHQR IYIGESSQRCKKCI I VFSQSHLKGHKIINTGEKSVKYKERGKAFTRGLHL  
 GHQKIHTGEKPYCKKCDKAFNKSSHLAQHQRIHTGEKPFKCECGKAFNRG SYLTQHQR IHTGERAFKC  
 EECGKAFNRG SYLTQHQR IHTGEKPFRCCECGKAFNRSSVYV TQHQR MHTGEKPFKCECGKAFNRASHLT  
 QHQRIHTGEKHFCKEKGKAFNRGSHL TRHQRIHTGEKSFKCEECGKAF IWGSHL TQHQR VHTGEKFFKC  
 KECGKAFTRSSHL TQHQR IHTGEKPFKCECGKAFNRSTLTQHQR IHTR

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk6747\\_a05.zip](https://cdn.origene.com/chromatograms/mk6747_a05.zip)

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_145287

**ORF Size:** 1620 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_145287.2](#)

**RefSeq Size:** 6810 bp

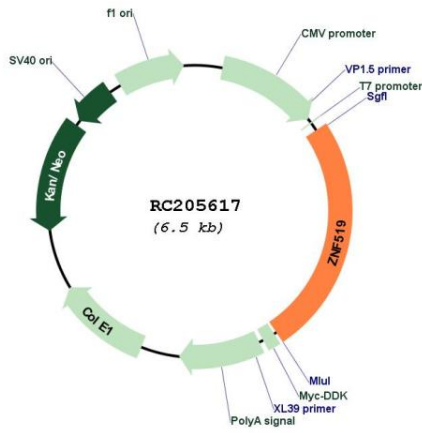
**RefSeq ORF:** 1623 bp

**Locus ID:** 162655

**UniProt ID:** [Q8TB69](#)

**Cytogenetics:** 18p11.21  
**Domains:** KRAB, zf-C2H2  
**Protein Families:** Transcription Factors  
**MW:** 63 kDa  
**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC205617