

## Product datasheet for RC237595

### ZNF187 (ZSCAN26) (NM\_001287421) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF187 (ZSCAN26) (NM_001287421) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF187
Synonyms:	SRE-ZBP; SREZBP; ZNF187
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC237595 representing NM_001287421 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCCCTCTGAAAGGAGTACAGGAACAGCAGGTTCCGGCATGAGTGTGAAGTTACAAAGCCTGAGAAAAG  
AGAAGGGTGAGGAGACAAGGATTGAAATGGGAAGCTTATTGTAGTAACAGACTCTTGTGGAAGAGTAGA  
GTCATCTGGGAAAATATCTGAACCCATGGAGGCTCATAATGAGGGCTCTAACTTGGAAAGTCATCAGGCC  
AAGCCCAAAGAGAAGATTGAGTATAAATGCTCAGAACGTGAGCAGAGATTCATCCAGCACTTGGACCTGA  
TTGAACATGCGAGTACACACACGGGAAAGAACTCTGCGAGTCTGATGTGTGTCAGAGTCCAGTCTTAC  
AGGACATAAGAAAAGTCTCTAGAGAGAAAGGTCATCAGTGTCATGAGTGTGGGAAAGCCTTTCAGAGG  
AGTTCACACCTCGTCAGACATCAGAAAATCCATCTTGGTGAGAAGCCTTATCAGTGCAATGAGTGTGGCA  
AAGTCTTTAGCCAGAATGCAGGCCTTTTGGAACTCTCAGAATTCATACTGGAGAGAAAACCTTATCTATG  
TATCCATTGTGGAAAAATTTTAGGCGCAGCTCTCACCTAATCGACATCAGAGAATTCACAGTCAGGAG  
GAGCCCTGTGAGTGAAGGAGTGTGAAAAACCTTTAGTCAGGCCTTACTCCTCACCCACCATCAGAGAA  
TCCATAGTCACTCCAAAAGCCATCAATGTAACGAGTGTGAAAAGCTTTTCAGTTTGACCTCAGACCTTAT  
TCGACACCACAGAATTCATACTGGAGAAAAACCTTTCAAGTGAACATATGCCAGAAAAGCCTTCCGACTA  
AACTCACACCTTGCTCAGCATGTAAGAATCCACAATGAAGAAAAACCTATCAGTGTAGTGAATGTGGAG  
AAGCCTTCAGGCAAAGGTCAGGTCCTTTTCAACATCAGAGATATCACCAAAAGCAAACTGGCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC237595 representing NM\_001287421  
Red=Cloning site Green=Tags(s)

MAPLKGVQEQQVRHECEVTKPEKEKGEETRIENGLIVVTDCGRVSSGKISEPMEAHNEGSNLESHQA  
 KPKEKIEYKCSEREQRF IQHLDL IEHASTHTGKKLCESDVCQSSSLTGHKVLSREKGHQCCEGKAFQR  
 SSSLVRHQKIHLGKPYQCNECGKVF SQNAGLLEHLRIHTGKPYLCIHCCKNFRSSHLNRHQRIHSQE  
 EPCECKEKGKTF SQALLLTHHQRIHSHSKSHQCNECGKAFSLTSDLIRHHRHTGKPFKCNICQKAFRL  
 NSHLAQHVRIHNEEKPYQCSECGEAFRQRSGLFQHQRYYHHKDKLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6429\\_g05.zip](https://cdn.origene.com/chromatograms/mk6429_g05.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001287421

**ORF Size:** 975 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\\_001287421.1](#), [NP\\_001274350.1](#)

**RefSeq Size:** 2336 bp

**RefSeq ORF:** 1035 bp

**Locus ID:** 7741

**UniProt ID:** [Q16670](#)

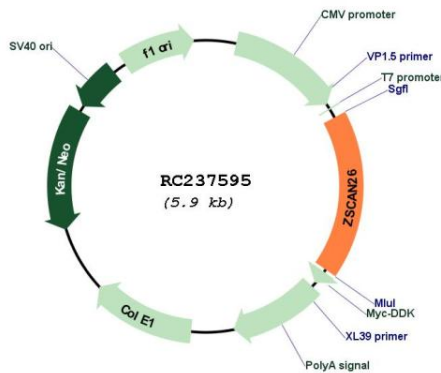
**Cytogenetics:** 6p22.1

**Protein Families:** Transcription Factors

**MW:** 37.5 kDa

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC237595