

## Product datasheet for **RC224410**

### ZNF187 (ZSCAN26) (NM\_001023560) Human Tagged ORF Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                                    |
| Product Name:             | ZNF187 (ZSCAN26) (NM_001023560) 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)                                   |



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**ORF Nucleotide Sequence:**

>RC224410 representing NM\_001023560  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCAACAGCATTGGTGAAGTGCCTTCCCTGGCTCCCTGAATCTGAAGAAGGAGGGCTTCGGGTAG  
 TGAGGGAGGATCACTACTCTACTTGGGAACAGGGATCAAGCTGCAAGGAAACAGTAAAGGCCTTGACA  
 GGAGCCATTGTGCAAAACAATTCAGGCAGTTGCGTTATGAAGAGACCACAGGACCTCGAGAAGCACTAAGT  
 CGGCTCCGGGAGCTCTGTCAACAGTGGCTACAGCCCGAGACCCATACCAAGGAGCAGATCTGGAGCTGC  
 TGGTGCTGGAGCAGTTTCTGATCATCTGCCTAAGGAGCTCCAGGCCCGGGTGCAGGAGCATCACCCAGA  
 GAGCAGGGAGGACGTGGTTGTTGTTCTGGAGGATTTGCAGCTGGATCTTGAGAAACAGGACAACAGGTG  
 GACCCAGACCAGCCAAAGAAACAAAAAATACTTGTGGAGGAGATGGCCCTCTGAAAGGAGTACAGGAAC  
 AGCAGGTTCCGCATGAGTGTGAAGTTACAAAGCCTGAGAAAGAGAAGGGTGAAGGACAAGGATTGAGAA  
 TGGGAAGCTTATTGTAGTAACAGACTCTTGTGGAAGAGTAGAGTCATCTGGGAAAATATCTGAACCCATG  
 GAGGCTCATAATGAGGGCTCTAACTTGGAAAGGCATCAGGCCAAGCCAAAGAGAAGATTGAGTATAAAT  
 GCTCAGAACGTGAGCAGAGATTCATCCAGCACTTGGACCTGATTGAACATGCGAGTACACACACGGGAAA  
 GAAACTCTGCGAGTCTGATGTGTGTGAGAGTCCAGTCTTACAGGACATAAGAAAGTCTCTCTAGAGAG  
 AAAGGTCACTAGTGTGATGAGTGTGGGAAAGCCTTTCAGAGGAGTTCACACCTCGTCAGACATCAGAAAA  
 TCCATCTTGGTGAGAAGCCTTATCAGTGAATGAGTGTGGCAAAGTCTTTAGCCAGAATGCAGGCCTTTT  
 GGAACATCTCAGAATTCATACTGGAGAGAAACCTTATCTATGTATCCATTGTGGAAAAAATTTAGCGCG  
 AGCTCTCACCTTAATCGACATCAGAGAATTCACAGTCAGGAGGAGCCCTGTGAGTGAAGGATGTGGAA  
 AAACCTTTAGTCAGGCCCTTACTCCTCACCCACATCAGAGAATCCATAGTCACTCCAAAAGGATCAATG  
 TAACGAGTGTGGAAAAGCTTTCAGTTTGACCTCAGACCTTATTGACACACAGAAATTCATACTGGAGAA  
 AAACCTTTCAAGTGAACATATGCCAGAAAGCCTTCCGACTAAACTCACCTTGCTCAGCATGTAGAA  
 TCCACAATGAAGAAAACCTATCAGTGTAGTGAATGTGGAGAAGCCTTCAGGCAAAGGTGAGTCTTTT  
 TCAACATCAGAGATATCACCAAAAGACAAACTGGCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC224410 representing NM\_001023560  
 Red=Cloning site Green=Tags(s)

MATALVSAHSLAPLNLKKEGLRVVREDHYSTWEQGFKLQNSKGLGQEPLCKQFRQLRYEETTPREALS  
 RLRELCCQWLQPETHTKEQILELLVLEQFLIILPKELQARVQEHHPESREDVVVLEDLQLDLGETGQQV  
 DPDQPKKQKILVEEMAPLKGVEQVQVRHECEVTKPEKEKGEETRIENGLIVVTDSCGRVSSGKISEPM  
 EAHNEGSNLERHQAKPEKIEYKCSEREQRFIQHLDLIEHASTHTGKLCESDVCQSSSLTGHKVLSRE  
 KGHQCHECGKAFQRSSHLVRHQIHLGEKPYQCNECGKVFSSQNAAGLLEHLRIHTGEKPYLCIHCCKNFR  
 SSSLNRHQRIHSQEEPCECKEKGKTFSSQALLLTHHQRIHSHSKSHQCNECGKAFSLTSDLIRHRIHTGE  
 KPFKCNICQKAFRLNSHLAQHVRINHNEEKPYQCSECGEAFRQSRGLFQHQRYYHKKDLA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8062\\_f04.zip](https://cdn.origene.com/chromatograms/mk8062_f04.zip)

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001023560

**ORF Size:** 1437 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\\_001023560.3](#), [NP\\_001018854.2](#)

**RefSeq Size:** 2838 bp

**RefSeq ORF:** 1440 bp

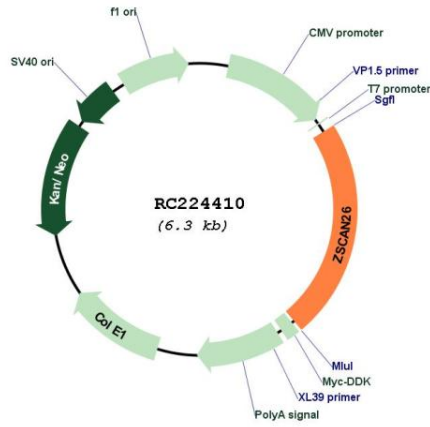
**Locus ID:** 7741

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

**Cytogenetics:** 6p22.1

Protein Families: Transcription Factors  
 MW: 55.2 kDa  
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC224410