

Product datasheet for **RC225812**

ZNF187 (ZSCAN26) (NM_001111039) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF187 (ZSCAN26) (NM_001111039) 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:

>RC225812 representing NM_001111039
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAACAGCATTGGTGAGTGCCATTCCCTGGCTCCCCTGAATCTGAAGAAGGAGGGCTTCGGGTAG
 TGAGGGAGGATCACTACTCTACTTGGGAACAGGGATTCAAGCTGCAAGGAAACAGTAAAGCCTTGGACA
 GGAGCCATTGTGCAAAACAATTCAGGCAGTTGCGTTATGAAGAGACCACAGGACCTCGAGAAGCACTAAGT
 CGGCTCCGGGAGCTCTGTCAACAGTGGCTACAGCCCGAGACCCATACCAAGGAGCAGATCTGGAGCTGC
 TGGTGCTGGAGCAGTTTCTGATCATCTGCCTAAGGAGCTCCAGGCCCGGGTGCAGGAGCATCACCCAGA
 GAGCAGGGAGGACGTGGTTGTTGTTCTGGAGGATTTGCAGCTGGATCTTGGAGAAACAGGACAACAGGAC
 CCAGACCAGCCAAAGAAACAAAAAATACTTGTGGAGGAGATGGCCCTCTGAAAGGAGTACAGGAACAGC
 AGGTTCCGCATGAGTGTGAAGTTACAAAGCCTGAGAAAGAGAAGGGTGAAGGACAAGGATTGAGAAATGG
 GAAGCTTATTGTAGTAACAGACTCTTGTGAAGAGTAGAGTCATCTGGGAAAATATCTGAACCCATGGAG
 GCTCATAATGAGGGCTCTAACTTGGAAAGGCATCAGGCCAAGCCAAAGAGAAGATTGAGTATAAATGCT
 CAGAACGTGAGCAGAGATTTCATCCAGCAGCTTGGACCTGATTGAACATGCGAGTACACACAGGGAAAGAA
 ACTCTGCGAGTCTGATGTGTGTCAGAGTCCAGTCTTACAGGACATAAGAAAGTCCCTCTCTAGAGAGAAA
 GGTTCATCAGTGTGATGAGTGTGGAAAGCCTTTCAGAGGAGTTCACACCTCGTCAGACATCAGAAAATCC
 ATCTTGGTGAGAAAGCCTTATCAGTGAATGAGTGTGGCAAAGTCTTTAGCCAGAATGCAGGCCTTTTGA
 ACATCTCAGAATTCATACTGGAGAGAAACCTTATCTATGTATCCATTGTGGAAAAATTTTAGGCGCAGC
 TCTCACCTAATCGACATCAGAGAATTCACAGTCAGGAGGAGCCCTGTGAGTGAAGGAGTGTGGAAAAA
 CCTTTAGTCAGGCCTTACTCCTCACCCACCACAGAGAATCCATAGTCACTCCAAAAGCCATCAATGTAA
 CGAGTGTGGAAAAGCTTTCAGTTTGACCTCAGACCTTATTCGACACCACAGAATTCATACTGGAGAAAAA
 CCTTTCAAGTGTAAACATATGCCAGAAAGCCTTCCGACTAAACTCACACCTTGCTCAGCATGTAAGAAATCC
 ACAATGAAGAAAAACCTATCAGTGTAGTGAATGTGGAGAAGCCTTCAGGCAAAGGTCAGGTCTTTTTTCA
 ACATCAGAGATATCACCACAAAGACAAACTGGCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225812 representing NM_001111039
 Red=Cloning site Green=Tags(s)

MATALVSAHSLAPLNLKKEGLRVVREDHYSTWEQGFKLQNSKGLGQEPLCKQFRQLRYEETTPREALS
 RLRELCCQWLQPETHTKEQILELLVLEQFLIILPKELQARVQEHHPESREDVVVLEDLQLDLGETGQQD
 PDQPKKQKILVEEMAPLKGVQEQQVRHECEVTKPEKEKGEETRIENGLIVVTDSCGRVSSGKISEPME
 AHNEGSNLERHQAKPKEKIEYKCSEREQRFIQHLDLIEHASTHTGKKLCESDVCQSSSLTGHKVLSREK
 GHQCHECGKAFQRSSHLVRHQIHLGEKPYQCNECGKVFQSNAGLLEHLRIHTGEKPYLCIHCGNFRRS
 SHLNRHQRIHSQEPECKEKGKTFSQLLLTHHQRIHSHSKSHQCNECGKAFSLTSDLIRHHRIHTGEK
 PFKCNICQKAFRLNSHLAQHVRIHNEEKPYQCSECGEAFRQRSGLFQHQRVYHDKDLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8062_e09.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001111039

ORF Size: 1434 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_001111039.2](#), [NP_001104509.1](#)

RefSeq ORF: 1437 bp

Locus ID: 7741

UniProt ID: [Q16670](#)

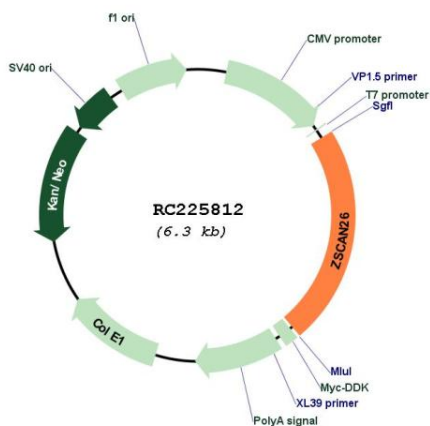
Cytogenetics: 6p22.1

Protein Families: Transcription Factors

MW: 55.1 kDa

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

Product images:



Circular map for RC225812