

## Product datasheet for **RG225812**

### 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:	TurboGFP
Symbol:	ZSCAN26
Synonyms:	SRE-ZBP; SREZBP; ZNF187
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG225812 representing NM\_001111039  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAACAGCATTGGTGAGTGCCATTCCCTGGCTCCCCTGAATCTGAAGAAGGAGGGCTTCGGGTAG  
 TGAGGGAGGATCACTACTCTACTTGGGAACAGGGATTCAAGCTGCAAGGAAACAGTAAAGGCCTTGACA  
 GGAGCCATTGTGCAAAACAATTCAGGCAGTTGCGTTATGAAGAGACCACAGGACCTCGAGAAGCACTAAGT  
 CGGCTCCGGGAGCTCTGTCAACAGTGGCTACAGCCCGAGACCCATACCAAGGAGCAGATCCTGGAGCTGC  
 TGGTGCTGGAGCAGTTTCTGATCATCCTGCCTAAGGAGCTCCAGGCCCGGGTGCAGGAGCATCACCCAGA  
 GAGCAGGGAGGACGTGGTTGTTGTTCTGGAGGATTTGCAGCTGGATCTTGAGAAACAGGACAACAGGAC  
 CCAGACCAGCCAAAGAAACAAAAAATACTTGTGGAGGAGATGGCCCTCTGAAAGGAGTACAGGAACAGC  
 AGGTTCCGGCATGAGTGTGAAGTTACAAAGCCTGAGAAAGAGAAGGGTGAAGGAGACAAGGATTGAGAAATGG  
 GAAGCTTATTGTAGTAACAGACTCTTGTGAAGAGTAGAGTCATCTGGGAAAATATCTGAACCCATGGAG  
 GCTCATAATGAGGGCTCTAACTTGGAAAGGCATCAGGCCAAGCCAAAGAGAAGATTGAGTATAAATGCT  
 CAGAACGTGAGCAGAGATTATCCAGCAGCTTGGACCTGATTGAACATGCGAGTACACACAGGGAAAGAA  
 ACTCTGCGAGTCTGATGTGTGTCAGAGTCCAGTCTTACAGGACATAAGAAAGTCCCTCTCTAGAGAGAAA  
 GGTATCAGTGTGATGAGTGTGGAAAGCCTTTCAGAGGAGTTCACACCTCGTCAGACATCAGAAAATCC  
 ATCTTGGTGAGAAAGCCTTATCAGTGAATGAGTGTGGCAAAGTCTTTAGCCAGAATGCAGGCCTTTTGA  
 ACATCTCAGAATTCATACTGGAGAGAAACCTTATCTATGTATCCATTGTGGAAAAATTTTAGGCGCAGC  
 TCTCACCTAATCGACATCAGAGAATTCACAGTCAGGAGGAGCCCTGTGAGTGAAGGAGTGTGGAAAAA  
 CCTTTAGTCAGGCCTTACTCCTCACCCACCATCAGAGAATCCATAGTCACTCCAAAAGCCATCAATGTAA  
 CGAGTGTGGAAAAGCTTTCAGTTTGACCTCAGACCTTATTCGACACCACAGAATTCATACTGGAGAAAAA  
 CCTTTCAAGTGAACATATGCCAGAAAGCCTTCCGACTAAACTCACACCTTGCTCAGCATGTAAGAAATCC  
 ACAATGAAGAAAAACCTATCAGTGTAGTGAATGTGGAGAAGCCTTCAGGCAAAGGTCAGGTCTTTTTC  
 ACATCAGAGATATCACCAAAAGACAAACTGGCT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>RG225812 representing NM\_001111039  
 Red=Cloning site Green=Tags(s)

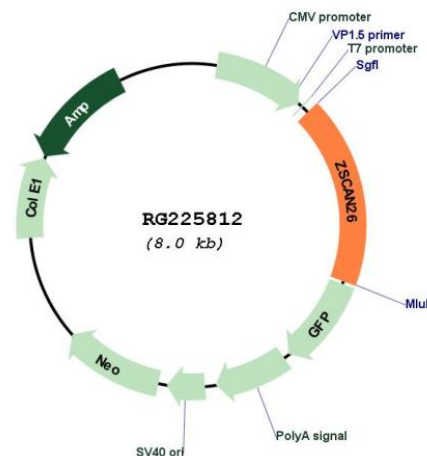
MATALVSAHSLAPLNLKKEGLRVVREDHYSTWEQFKLQGNKGLGQEPLCKQFRQLRYEETTPREALS  
 RLRELQQLWLPETHKQIPELLVLEQFLIILPKELQARVQEHHPESREDVVVLEDLQLDLGETGQQD  
 PDQPKKQKILVEEMAPLKGVEQVVRHECEVTKPEKEKGEETRIENGLIVVTDSCGRVSSGKISEPME  
 AHNEGSNLERHQAKPKEKIEYKCSEREQRFIQHLDLIEHASTHTGKKLCESDVCQSSSLTGHKKVLSREK  
 GHQCHECGKAFQRSSHLVRHQIHLGKPYQCNECGKVFQSNAGLLEHLRIHTGKPYLCIHCGKNFRRS  
 SHLNRHQRIHSQEPECKEKGKTSQALLLTHHQRIHSHSKSHQCNECGKAFSLTSDLIRHRIHTGK  
 PFKNICQKAFRLNSHLAQHVRIHNEEKPYQCSECGEAFRQRSGLFQHQRYHHKDKLA

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**

**Plasmid Map:**


**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 Size:** 2835 bp

**RefSeq ORF:** 1437 bp

**Locus ID:** 7741

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

**Cytogenetics:** 6p22.1

**Protein Families:** Transcription Factors

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