

Product datasheet for **RG200904**

ZNF187 (ZSCAN26) (NM_152736) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF187 (ZSCAN26) (NM_152736) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF187
Synonyms:	SRE-ZBP; SREZBP; ZNF187
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG200904 representing NM_152736 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCTCTGAAAGGAGTACAGGAACAGCAGGTTCCGGCATGAGTGTGAAGTTACAAAGCCTGAGAAAAG
AGAAGGGTGAGGAGACAAGGATTGAGAAATGGGAAGCTTATTGTAGTAACAGACTCTTGTGGAAGAGTAGA
GTCATCTGGGAAAATATCTGAACCCATGGAGGCTCATAATGAGGGCTCTAACTTGGAAAGTCATCAGGCC
AAGCCCAAAGAGAAGATTGAGTATAAATGCTCAGAACGTGAGCAGAGATTCATCCAGCACTTGGACCTGA
TTGAACATGCGAGTACACACACGGGAAAGAACTCTGCGAGTCTGATGTGTGTCAGAGTTCAGTCTTAC
AGGACATAAGAAAAGTCTCTCTAGAGAGAAAGGTCATCAGTGTCATGAGTGTGGGAAAGCCTTTCAGAGG
AGTTCACACCTCGTCAGACATCAGAAAATCCATCTTGGTGAGAAGCCTTATCAGTGCAATGAGTGTGGCA
AAGTCTTTAGCCAGAATGCAGGCCTTTTGGAAACATCTCAGAATTCATACTGGAGAGAAAACCTTATCTATG
TATCCATTGTGGAAAAATTTTAGGCGCAGCTCTCACCTTAATCGACATCAGAGAATTCACAGTCAGGAG
GAGCCCTGTGAGTGAAGGAGTGTGAAAAACCTTTAGTCAGGCCTTACTCCTCACCCACCATCAGAGAA
TCCATAGTCACTCCAAAAGCCATCAATGTAACGAGTGTGAAAAGCTTTAGTTCAGTTGACCTCAGACCTTAT
TCGACACCACAGAATTCATACTGGAGAAAAACCTTTCAAGTGAACATATGCCAGAAAAGCCTTCCGACTA
AACTCACACCTTGCTCAGCATGTAAGAATCCACAATGAAGAAAAACCTATCAGTGTAGTGAATGTGGAG
AAGCCTTCAGGCAAAGGTCAGGTCCTTTTCAACATCAGAGATATCACCAAAAGCAAACTGGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG200904 representing NM_152736
 Red=Cloning site Green=Tags(s)

MAPLKGVQEQQVRHECEVTKPEKEKGEETRIENGLIVVTDCGRVSSGKISEPMEAHNEGSNLESHQA
 KPKEKIEYKCSEREQRF IQHLDLIEHASTHTGKKLCESDVCQSSSLTGHKVLSREKGHQCHECGKAFQR
 SSSLVRHQKIHLGKPYQCNECGKVF SQNAGLLEHLRIHTGKPYLCIHCGKNFRRSSHLNRHQRIHSQE
 EPCECKEKGKTF SQALLLTHHQRIHSHSKSHQCNECGKAFSLTSDLIRHHRHTGKPFKCNICQKAFRL
 NSHLAQHVRIHNEEKPYQCSECGEAFRQRSGLFQHQRYHHKDKLA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152736

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_152736.2](#)

RefSeq Size: 2433 bp

RefSeq ORF: 1035 bp

Locus ID: 7741

UniProt ID: [Q16670](#)

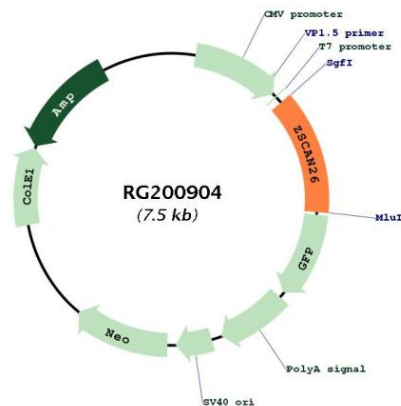
Cytogenetics: 6p22.1

Domains: zf-C2H2

Protein Families: Transcription Factors

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

Product images:



Circular map for RG200904