

Product datasheet for **RG224410**

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



[View online »](#)

ORF Nucleotide Sequence:

>RG224410 representing NM_001023560
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAACAGCATTGGTGAAGTCCCATTCCTGGCTCCCTGAATCTGAAGAAGGAGGGCTTCGGGTAG
 TGAGGGAGGATCACTACTCTACTTGGGAACAGGGATTCAAGCTGCAAGGAAACAGTAAAGGCCTTGACA
 GGAGCCATTGTGCAAAACAATTCAGGCAGTTGCGTTATGAAGAGACCACAGGACCTCGAGAAGCACTAAGT
 CGGCTCCGGGAGCTCTGTCAACAGTGGCTACAGCCCGAGACCCATACCAAGGAGCAGATCTGGAGCTGC
 TGGTGTGGAGCAGTTTCTGATCATCTGCCTAAGGAGCTCCAGGCCCGGGTGCAGGAGCATCACCCAGA
 GAGCAGGGAGGACGTGGTTGTTGTTCTGGAGGATTTGCAGCTGGATCTTGGAGAAACAGGACAACAGGTG
 GACCCAGACCAGCCAAAGAAACAAAAAATACTTGTGGAGGAGATGGCCCTCTGAAAGGAGTACAGGAAC
 AGCAGGTTCCGCATGAGTGTGAAGTTACAAAGCCTGAGAAAGAGAAGGGTGAAGGACAAGGATTGAGAA
 TGGGAAGCTTATTGTAGTAACAGACTCTTGTGGAAGAGTAGATCATCTGGGAAAATATCTGAACCCATG
 GAGGCTCATAATGAGGGCTCTAACTTGGAAAGGCATCAGGCCAAGCCAAAGAGAAGATTGAGTATAAAT
 GCTCAGAACGTGAGCAGAGATTCATCCAGCACTTGGACCTGATTGAACATGCGAGTACACACACGGGAAA
 GAAACTCTGCGAGTCTGATGTGTGTGAGAGTCCAGTCTTACAGGACATAAGAAAGTCTCTCTAGAGAG
 AAAGGTCACTAGTGTGATGAGTGTGGGAAAGCCTTTCAGAGGAGTTCACACCTCGTCAGACATCAGAAAA
 TCCATCTTGGTGAGAAGCCTTATCAGTGAATGAGTGTGGCAAAGTCTTTAGCCAGAATGCAGGCCTTTT
 GGAACATCTCAGAATTCATACTGGAGAGAAACCTTATCTATGTATCCATTGTGGAAAAAATTTAGGCGC
 AGCTCTCACCTTAATCGACATCAGAGAATTCACAGTCAAGGAGCCCTGTGAGTGAAGGAGTGTGGAA
 AAACCTTTAGTCAGGCCCTTACTCCTCACCCACATCAGAGAATCCATAGTCACTCCAAAAGCCATCAAT
 TAACGAGTGTGGAAAAGCTTTCAGTTTGACCTCAGACCTTATTTCGACACCCAGAGAATTCATACTGGAGAA
 AAACCTTTCAAGTGAACATATGCCAGAAAGCCTTCCGACTAAACTCACACCTTGCTCAGCATGTAGAA
 TCCACAATGAAGAAAACCTATCAGTGTAGTGAATGTGGAGAAGCCTTCAGGCAAAGGTGAGTCTTTT
 TCAACATCAGAGATATCACCAAAAGACAAACTGGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG224410 representing NM_001023560
 Red=Cloning site Green=Tags(s)

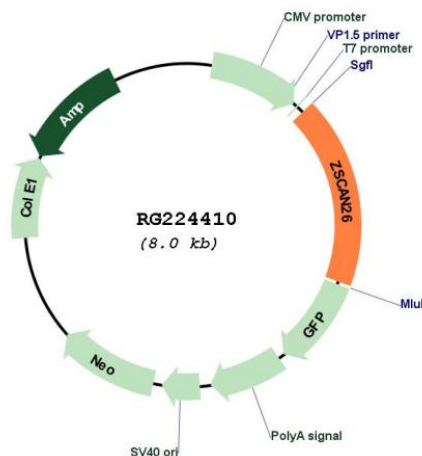
MATALVSAHSLAPLNLKKEGLRVVREDHYSTWEQFKLQNSKGLGQEPLCKQFRQLRYEETTPREALS
 RLRELQQWLQPETHKEQILELLVLEQFLIILPKELQARVQEHHPESREDVVVLEDLQLDLGETGQQV
 DPDQPKKQKILVEEMAPLKGVEQVVRHECEVTKPEKEKGEETRIENGLIVVTDSCGRVSSGKISEPM
 EAHNEGSNLERHQAKPKEKIEYKCSEREQRFIQHLDLIEHASTHTGKKLCESDVCQSSSLTGHKVLSRE
 KGHQCHECGKAFQRSSHLVRHQIHLGKPYQCNECGKVF SQNAGLLEHLRIHTGKPYLCIHCGKNFRR
 SSSLNRHQRIHSQEPECECKEKGKTF SQALLLTHHQRIHSHSKSHQCNECGKAFSLTSDLIRHHRHTGTE
 KPFCNICQKAFRLNSHLAQHVR IHNEEKPYQCSECGEAFRQRSGLFQHQRHYHKDKLA

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Plasmid Map:


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

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