

Product datasheet for **RG228410**

ZSCAN30 (NM_001166012) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZSCAN30 (NM_001166012) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZSCAN30
Synonyms:	ZNF-WYM; ZNF397OS; ZNF917
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG228410 representing NM_001166012
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGGAGAGGCCACAGTCTTGGCCTACCATGCTCCAGAAGAACAGGAAGGACTTCTAGTTGTCAAGG
 TTGAAGAAGAAAAATTATGTTTTGGACCAGGACTTTGGCCTTCAGGAAAACCCCTGGAGCCAAGAGGTATT
 CCGGCAGAAAGTTTCAGGCAGTTTAGTTACTCTGACTCCACTGGCCCTCGGGAGGCTCTGAGCCGGCTGCGA
 GAGCTTTGCTGTCAAGTGGTTGAGGCCGGAGGTGCACTCCAAGGAGCAGATCCTGGAGCTGCTGATGTTGG
 AGCAGTTCTGGCCATCCTTCTGAGGAGCTGCAAGCTTGGCTGCGAGAGCATCGCCAGAGAATGGAGA
 GGAAGCTGTGACTATGCTGGAGGAGCTGGAAAAAGAACTGGAGGAGCCAAGGCAACAGGACACAACATCAT
 GGCCAAGAAATGTTCTGGCAGGAAATGACATCCACAGGAGCACTGAAGTCTCTGTCTCTGAATAGCCCGG
 TGCAGCCCTTAGAGAACCAGTGAAGACTGAGACTCAGGAGTCCAGGCTTTCCAGGAGAGAGATGGCAG
 GATGGTGGCTGGCAAAGTGTGATGGCAAAGCAAGAAATTGTTGAATGTGTAGCCTCAGCAGCTATGATA
 TCGCCGGGAAAACCTTCTGGAGAAAACATTCCCAACGGATAGCTGAAGAAGCTTTGGGAGGTCTGGACA
 ACTCTAAGAAGCAAAAGGGAAATGCTGCAGGGAACAAAATCAGTCAGCTTCTTCCAGGACAGACATTT
 CAGTCTGGCAACCTTCAACAGAAGAATCCCCACAGAACACAGTGTCTTGAATCTCATGAGAGTGAAGGA
 AGTTTCAGTATGAATTCAAATGATATTACACAACAGAGCGTTGACACTAGGGAAGGCTCTATGAGTGCT
 TTGACTGTGGGAAGGCCTTTTGGCAGAGCTCAAAGCTGATTAGACATCAGAGAATTCATACTGGAGAGAG
 ACCTTAGCATGTAAAGAATGTGGCAAAGCCTTCAGTTTGAGCTCAGACCTTGTAGACATCAGAGAATT
 CATAGTGGTGAAGAACCTATGAATGTTGTGAATGTGGAAAGCCTTCAGGGCAGTTTTCAGAGCTCATCA
 GGCATCGGAGAATCCACACTGGAGAGAAGCCTTATGAATGTGGAGAATGTGGGAAGGCCTTCAGCCGGAG
 CTCAGCCCTTATTCAGCATAAGAAAAATTCACACTGGAGATAAAAGCTATGAATGTATTGCATGTGGTAAG
 GCTTTTGGTAGGAGTTCTATCCTTATTGAACATCAAAGAATTCACACTGGAGAGAAAACCTTATGAATGTA
 ATGAATGTGGAAATCCTTCAATCAGAGCTCAGCCCTCACCAGCACCAGAGAATTCACACTGGAGAGAA
 GCCTTATGAATGTAGTGAATGTAGAAAAACATTTAGGCATAGGTCAGGCCTTATGCAGCATCAGAGAACA
 CACACCAGAGTT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG228410 representing NM_001166012
 Red=Cloning site Green=Tags(s)

MSGEATVLAYHAPEEQEGLLVVKVEENYVLDQDFGLQENPWSQEVFRQKFRQFSYSDSTGPREALSRLR
 ELCCQWL RPEVHSKEQILELLMLEQFLAILPEELQAWLREHRPENGEEAVTMLEELEKELEEPRQDTHH
 GQEMFWQEMTSTGALKSLSLNSPVQPLENQCKTETQESQAFQERDGRMVAGKVLMAKQEI VECVASAAMI
 SPKLPGETHSQRIAEALGGLDNSKKQKGNAAAGNKISQLPSQDRHFLATFNRRIPTEHSVLESHESEG
 SFSMNSNDITQQSVDTREKLYECFDCGKAFQSSKLIRHQRIHTGERPYACEKCGKAFSLSSDLVRHQRI
 HSGEKPYECCECGKAFRGSSSELIRHRIHTGEKPYECGECGKAFSRSSALI QHKKIHTGDKSYECIACGK
 AFRSSILIEHQRIHTGEKPYECNECGKSFNQSSALTQHRIHTGEKPYECSECRKTFRHRSGLMQHQRT
 HTRV

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001166012

ORF Size: 1482 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_001166012.3](#)

RefSeq Size: 4346 bp

RefSeq ORF: 1485 bp

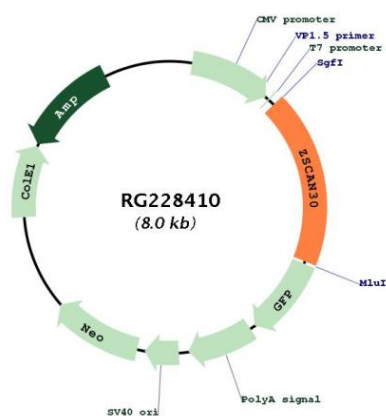
Locus ID: 100101467

UniProt ID: [Q86W11](#)

Cytogenetics: 18q12.2

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

Product images:



Circular map for RG228410