

Product datasheet for **RG225636**

ZNF323 (ZSCAN31) (NM_001135216) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF323 (ZSCAN31) (NM_001135216) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZSCAN31
Synonyms:	ZNF20-Lp; ZNF310P; ZNF323
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG225636 representing NM_001135216 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTCAACAGAGGAACAGTACGATCTTAAGATTGTGAAAGTGGAGGAAGACCCTATCTGGGACCAAG
AAACCCACCTTCGAGGGAACAACCTTTCTGGCCAAGAAGCCTCCCGACAACCTTTTAGGCAGTTTTGTTA
CCAAGAGACTCCTGGTCCCGAGAAGCTCTGAGCCGGCTCCGAGAAGCTGTGCATCAGTGGCTAAGGCCA
GAAATCCACACCAAGAGCAAATCTGGAGCTGCTGGTGTGGAGCAATTCCTGACTATCCTGCCTGAGG
AGCTCCAGGCCTGGGTGCGGGAGCACCATCCGGAGAGTGGGAGGAGGCTGTGGCTGTAGTTGAAGATCT
GGAACAAGAGCTTAGTGAGCCAGGGAACAGGCTCCAGACCATGAACATGGACATTCTGAAGTGCTCTTG
GAGGATGTGGAACATCTGAAGGTCAAGCAGGAACCAACAGACATACAGCTTCAGCCTATGGTGACACAGC
TCAGATATGAATCTTTTTGCCTCCACCAATTTCAAGAACAAGATGGTGAAAGTATACCTGAGAACCAGGA
GTTGGCATCAAAGCAAGAAATCTTAAAAGAAATGGAACATTTGGGGGATAGCAAACCTCAAAGAGATGTA
TCTTTGGATTCTAAGTACAGAGAACTTGTAACGAGACAGCAAGGCAGAAAAGCAGCAGGCACATTCCA
CTGGAGAGAGACGCCACAGGTGCAATGAATGTGGGAAAAGCTTCACTAAGAGTTCAGTACTCATTGAGCA
CCAGAGAATCCACACTGGGGAGAAGCCATATGAATGTGAAGAATGTGGAAAGCCTTCAGCCGGAGGTCA
AGCCTGAATGAACATCGCGGAGCCACACTGGAGAGAAAACCTATCAATGTAAGGAGTGTGGGAAAGCCT
TCAGTGCCAGCAATGGCCTCACTCGACACAGAAGAATCCACACAGGGGAAAAACCATATGAATGCAAAGT
GTGTGGGAAGGCTTTCCTCCTCAGCTCATGCCTTGTTCAGCATCAGAGGATACACACTGGAGAGAAGCGC
TATCAGTGTGAGTGTGGCAAAGCCTTCATTGAGAATGCAGGGCTTTTCCAGCATCTCCGAGTCCACA
CTGGTGAGAAAACCTATCAGTGCAGTGCAGTAAACTCTTTAGTAAGCGGACACTTCTTAAGAAACA
TCAGAAAATCCACACTGGAGAGAGACCA

ACGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG225636 representing NM_001135216
 Red=Cloning site Green=Tags(s)

MASTEEQYDLKIVKVEEDPIWDQETHLRGNFSGQEASRQLFRQFCYQETPGPREALSRLRELCHQWLRP
 EIHTKEQILELLVLEQFLTILPEELQAVVREHHPESGEEAVAVVEDLEQELSEPGNQAPDHEHGHSEVLL
 EDVEHLKVKQEPDIQLQPMVTQLRYESFCLHQFQEQDGE SIPENQELASKQEILKEMEHLGDSKLRDVS
 LLDISKYRETCKRDSKAEKQQAHSSTGERRRHRCNECGKSF TKSSVL IEHQRIHTGEKPYECECGKAFSRRS
 SLNEHRRSHTGEKPYQCKEKGKAFSASNGLTRHRRRIHTGEKPYECKVCGKAFLLSSCLVQHRIHTGEKR
 YQCRECGKAFIQNAGLFQHLRVHTGEKPYQCSQCSKLF SKRLLKHKQIHTGERP

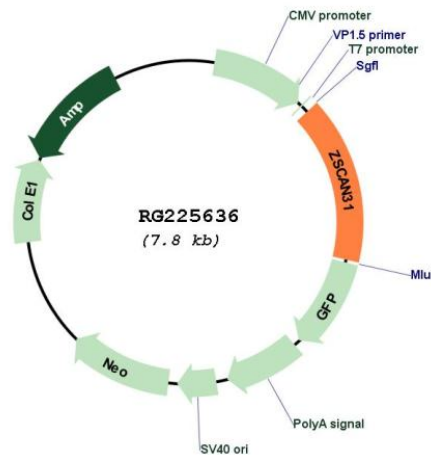
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001135216

ORF Size:	1218 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:	<ol style="list-style-type: none">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_001135216.1 , NP_001128688.1
RefSeq Size:	3050 bp
RefSeq ORF:	1221 bp
Locus ID:	64288
UniProt ID:	Q96LW9
Cytogenetics:	6p22.3-p22.1
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a protein containing multiple C2H2-type zinc finger motifs. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]