

## Product datasheet for **RG203342**

### ZNF323 (ZSCAN31) (NM\_030899) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF323 (ZSCAN31) (NM\_030899) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** ZNF323  
**Synonyms:** ZNF20-Lp; ZNF310P; ZNF323  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG203342 representing NM\_030899  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAACATTTGGGGGATAGCAAACCTCAAAGAGATGTATCTTTGGATTCTAAGTACAGAGAACTTGTA  
 AACGAGACAGCAAGGCAGAAAAGCAGCAGGCACATTCCACTGGAGAGAGACGCCACAGGTGCAATGAATG  
 TGGGAAAAGCTTCACTAAGAGTTCAGTACTCATTGAGCACCAGAGAATCCACACTGGGGAGAAGCCATAT  
 GAATGTGAAGAATGTGGGAAGGCCTTCAGCCGGAGGTCAAGCCTGAATGAACATCGCGGAGCCACACTG  
 GAGAGAAACCTATCAATGTAAGGAGTGTGGAAAGCCTTCAGTGCCAGCAATGGCCTCACTCGACACAG  
 AAGAAATCCACACAGGGGAAAACCATATGAATGCAAAGTGTGTGGGAAGGCTTTCCTCCTCAGCTCATGC  
 CTTGTTAGCATCAGAGGATACACACTGGAGAGAAGCGCTATCAGTGTCTGTGAGTGTGGCAAAGCCTTCA  
 TTCAGAATGCAGGGCTTTTCCAGCATCTCCGAGTCCACACTGGTGAGAAACCTATCAGTGCAGTCAGTG  
 CAGTAACTCTTTAGTAAGCGGACACTTCTTAAGAAACATCAGAAAATCCACACTGGAGAGAGACCA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG203342 representing NM\_030899  
 Red=Cloning site Green=Tags(s)

MEHLGDSKLRDVSLSKDYRETCKRDSKAQAHSTGERRRHRCNECGKSFTKSSVLIHQRIHTGEKPY  
 ECEECGKAFSRRSSLNEHRSHTGEKPYQCKEKGKAFSASNGLTRHRIHTGEKPYECKVCGKAFLLSSC  
 LVQHRIHTGEKRYQCRECGKAFIQNAGLFLVHTGEKPYQCSQSKLFSKRTLLKKHQKIHTGERP

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



**Cloning Scheme:**


**ACCN:** NM\_030899

**ORF Size:** 627 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\\_030899.3](#)

**RefSeq Size:** 2628 bp

**RefSeq ORF:** 1221 bp

**Locus ID:** 64288

**UniProt ID:** [Q96LW9](#)

**Cytogenetics:** 6p22.3-p22.1

**Domains:** LER, zf-C2H2

**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]

**Product images:**



Circular map for RG203342