

## Product datasheet for **RG203770**

### ZNF35 (NM\_003420) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF35 (NM_003420) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF35
Synonyms:	HF.10; HF10; Zfp105
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG203770 representing NM\_003420  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACTGCAGAATTGAGAGAAGCCATGGCCCTAGCCCCATGGGGCCAGTGAAGGTGAAAAAGGAGGAGG  
 AAGAAGAAGAAACTTCCAGGTCAGGCATCCAGCCAACAAGTGCCTCCGAGAACATCAAAGTCTGGGC  
 CCCAGTGCAGGGTCTTCAGACAGCCTTGATGGATCAGAAGAGGAAGAAAAGGGTCAACAATATCTGG  
 GATATGGCGGTAGTCTGAAAGCAACTCAGGAGGCACCTGCTGCTTCAACCCTTGGCAGCTACTCATTAC  
 CAGGGACTCTGGCCAAGAGTGAGATACTGGAGACTCATGGGACCATGAACTTTCTAGGTGCTGAAACCAA  
 GAACCTACAGTTACTGGTTCCAAAACTGAGATATGTGAGGAAGCTGAAAAACCCCTCATCATATCAGAA  
 AGAATCCAGAAAGCTGATCCTCAAGGACCTGAGTTAGGAGAAGCTTGTGAAAAGGAAACATGTTAAAGA  
 GGCAGAGAATAAAGAGAGAAAAGAAAGATTTAGACAAGTATAGTGAATGACTGCACTTACCTGAAAG  
 CTTCAAAGAAGAGAAAACAGAAATGTAAAGAACTGGAGGAAAATATAGCCTTAATCTGGCGCTGTT  
 AAAAAATCCAAAAACCCAGCTTGGACAAAAGCCTTTTACGTGTAGCGTGTGTGGGAAAGGATTTAGTCAGA  
 GTGCAAACTCGTTGTGCATCAGCGAATCCACACTGGAGAGAAAACCCCTTGAATGTCATGAGTGTGGAA  
 GGCTTCACTCAGAGTGCAAACCTCGTTGTGCATCAGAGAATCCACACTGGACAGAAAACCTTATGTTTGC  
 TCAAAAATGTGGGAAAGCCTTCACTCAGAGTTCAAATCTGACTGTACATCAAAAAATCCACTCCTTAGAAA  
 AAACCTTTAAGTGCAATGAATGTGAGAAAGCCTTATGTTACAGCTCACAACCTTGCCTGGCACCAGAAAGT  
 CCACATTACGGAAAAATGCTATGAATGTAAATGAATGTGGGAAAACATTTACTAGGAGCTCAAACCTCATT  
 GTCCACCAGAGGATCCACACTGGGAGAAAGCCCTTGCCTGTACGACTGTGGCAAGCCTTTACCCAGA  
 GTGCAAACTCTTATTGTACATCAGCGAAGCCATCTGGTGAAGCCATATGAGTGAAGGAAAGTGTGGGAA  
 AGCCTTTTAGTTGTTTTTACACCTTATTGTGACCCAGAGAATTCACACTGCAGAGAAAACCTTACGACTGC  
 AGCGAATGTGGGAAAGCCTTCACTCAGCTCTCTTGCCTTATTGTCCACCAGAGAATTCACAGTGGAGATC  
 TTCCTTACGTGTGAATGAATGTGGGAAGGCCTTACATGTAGCTCATACTACTTATTCATCAGAGAAT  
 TCATAATGGAGAAAAACCTTACACATGAATGAGTGTGGGAAAGCCTTACAGACAGAGGTCGAGCCTCACC  
 GTGCACCAGAGAACCACACTGGGAGAAAGCCCTATGAATGTGAGAAGTGTGGTGCAGCTTTCATTTCCA  
 ACTCACACCTCATGCGACACCATAGAACCCATCTTGTGAA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>RG203770 representing NM\_003420  
 Red=Cloning site Green=Tags(s)

MTAELREAMALAPWGPVKKKEEEEEENFPQASSQQVHSENIKVVAPVQGLQTGLDGSEEEEEKQONISW  
 DMAVVLKATQEAPAASTLGSYSLPGTLAKSEILETHGTMNFLGAETKNLQLLVPKTEICEEAEKPLIISE  
 RIQKADPQPELGEACEKGNMLKRQRIKREKDFRQVI VNDCHLPESFKEEENQKCKSGGKYSLSNGAV  
 KNPKTQLGQKPF TCSVCGKGF S QSANL VVHQRIHTGEKPFECHECGKAF IQSANL VVHQRIHTGQKPYVC  
 SKCGKAF TQSSNL TVHQIHSLEKTFKNECEKAF SYSSQLARHQKVHITEKCYECNECGKTFTRSSNLI  
 VHQRHTGEKPFACNDGKAF TQSANL IVHQRSHTEKPYECKEKGKAF SCF SHL IVHQRHTAEKPYDC  
 SEC GKAF S QLSCLIVHQRIHSGDLPYVCNECGKAF TCSYLLIHQRHNGEKPYTCNECGKAFRQRSSLT  
 VHQRHTGEKPYECKEKGAAFI SNHLMRHHRTHLVE

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_003420

**ORF Size:** 1581 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\\_003420.4](#)

**RefSeq Size:** 2664 bp

**RefSeq ORF:** 1584 bp

**Locus ID:** 7584

**UniProt ID:** [P13682](#)

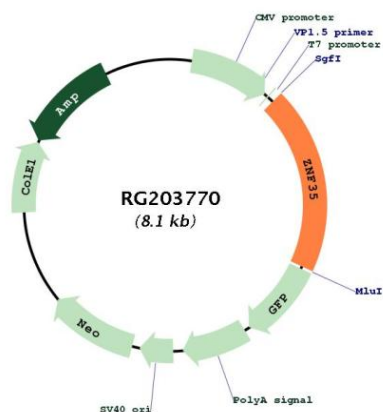
**Cytogenetics:** 3p21.31

**Domains:** zf-C2H2

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation. Involved in cell differentiation and/or proliferation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG203770