

## Product datasheet for **RG238795**

### ZNF34 (NM\_001286769) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF34 (NM_001286769) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF34
Synonyms:	KOX32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG238795 representing NM\_001286769.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```

GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCGGCCTTGTCTCTGTCTGCCCCACCCAGGCCGAGGTGACCTTCGAGGACGTGGCTGTGTACCTC
TCCCGGAGAAATGGGGCCGCTGGGCCCTGCTCAGAGGGCCCTCTACAGGGACGTGATGCTGGAGACC
TACGGGAACCTAGTCTCACTGGGAGTAGGACCTGCAGGCCCAAGCCTGGAGTGATCTCGCAGTTGGAG
CGAGGGGATGAGCCCTGGGTCTGGATGTTTCAGGGCACCTCTGGGAAAGAGCACCTGAGAGTCAACAGC
CCAGCTCTGGGACCAGAAGTGAAGTACAAGGAGTTGACTTCACAGGAGACATTTGGTGAGGAAGATCCC
CAGGGATCTGAGCCAGTAGAAGCCTGTGACCACATCAGTAAGTCAGAGGGGAGCCTGGAAAAGCTAGTG
GAGCAGAGAGGCCCCAGGGCAGTCACACTGACCAACGGGGAGAGCAGCAGGGAGTCTGGGGAAACCTC
AGGTTGCTGTCAAGACCTGTTCTGATCAGAGACCTCACAAATGTGATATATGTGAGCAAAGTTTGA
CAGAGATCATATCTCAACAACCAATAAGCGTGTACACAGGTCAAAAAACAAATACAGTTCGTAACCTC
GGGAAATCTTCAGTGCAAACCTAGTTGTTAAAGAAGATCAGAAAATTCCTACTGGGAAAAATTCGAT
TATTGCAGTACTGTGGGAAAACATTACAGTACAGTGCCAACTTGTCAAGCATCAGCGGCTTCACACT
GAAGAGAAGCCCTACAAATGTGATGAGTGTGGGAAAGCCTTCAGCCAGAGCTGCGAGTTCATCAATCAC
CGAAGGATGCACTCAGGAGAGATTCCCTACCGGTGTGACGAGTGTGGGAAGACATTCACCCGGAGGCC
AACCTCATGAAGCACCAGAGGATTCACACTGGGGAGAAACCTACAAGTGTGGGAGTGTGGGAAGCAC
TTAGCGCCTACTCTCCCTGATTTATCACCAGAGAATCCACACCCGAGAGAAACCTATAAATGTAAT
GACTGCGGAAAGCCTTCAGTGATGGCTCAATCCTTATCCGACATCGTCGGACTCACACCCGAGAGAAG
CCATTTGAGTGAAGGAATGTGGCAAAGGCTTTACACAAAGTTCTAACCTTATCCAACATCAGAGAATT
CACACTGGAGAGAAACCTATAAATGTAATGAATGTGAGAAAGCTTTCATTCAAAAAACCAACTCGTG
GAACATCAGAGAAGCCACACTGGAGAGAAGCCCTATGAATGCAATGACTGTGGCAAAGTTTTAGCCAA
AGCACACACCTCATCCAGCACCAGAGAATCCACACAGGAGAGAAGCCCTACAAGTGCAGCGAGTGTGGG
AAGGCCTTCCACAACAGTTCAGACTCATCCACCACCAGAGGCTGCACCACGGAGAGAAACCTACAGA
TGCAGCGATTGCAAGAAAGCCTTCAGCCAGAGCACGTACTTGATTGATCAGCACCGGAGGATCCACCCGG
GAGAAGCCCTACAAGTGCAGCGAGTGTGGGAAAGCCTTCCGGCACAGTTCACAAATGTGTCAGCATCAG
CGGATTCACCTCCGGGAGGACTTCTCCATG
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTAAAC
  
```

**Protein Sequence:**

>Peptide sequence encoded by RG238795  
 Blue=ORF Red=Cloning site Green=Tag(s)

```

MAALFLSAPPQAEVTFEDVAVYLSREEWGRLGPAQRGLYRDVMLETYGNLVSLGVGPAGPKPGVISQLE
RGDEPWLDVQGTSGKEHLRVNSPALGTRTEYKELTSQETFGDEDPQGSEPVACDHIKSEGSLEKLV
EQRGPRAVTLTNGESSRESGGNLRLLSRPVPDQRPKCDICEQSFQRSYLNHHRVHRSKKTNTVRNS
GEIFSANLVVKEDQKIPTGKKLHYCSYCGKTFRYSANLVKHQRLHTEEKPYKCDECGKAFSQSCEFINH
RRMHSGEIPYRCDECGKTFTRPNLMKHQRIHTGEKPYKCGECGKHFSAYSLLIYHQRIHTGEKPYKCN
DCGKAFSDGSILIRHRRHTGEKPFECKECGKFTQSSNLIQHQRHTGEKPYKCNECEKAFIQKTKLV
EHQRSHTGEKPYECNDCGKVFQSSTHLIQHQRHTGEKPYKCSECGKAFHNSRLIHHQRLHHGEKPYR
CSDCKKAFSQSTYLIQHRRHTGEKPYKCSECGKAFRHSNMCQHQRHILREDFSM
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
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```

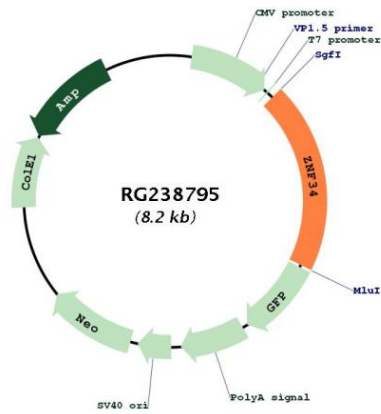
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


- ACCN:** NM\_001286769
- ORF Size:** 1617 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).
- RefSeq:** [NM\\_001286769.2](#)
- RefSeq Size:** 2845 bp
- RefSeq ORF:** 1620 bp
- Locus ID:** 80778
- UniProt ID:** [Q8IZ26](#)
- Cytogenetics:** 8q24.3
- Protein Families:** Transcription Factors
- MW:** 62.2 kDa
- Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG238795