

Product datasheet for **RG238701**

ZNF34 (NM_001286770) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF34 (NM_001286770) 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:

>RG238701 representing NM_001286770.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCTTCTGTCCTCAGTGACCAGCTCCTGTCTACTGCCCTCAGAAAGCCCAACCTCAGGCAATGGCG
GCCTTGTCTCTGTCTGCCACCCAGGCCGAGGTGACCTTCGAGGACGTGGCTGTACCTCTCCCGG
GAGGAATGGGGCCGCTGGGCCCTGCTCAGAGGGGCTCTACAGGACGTGATGCTGGAGACCTACGGG
AACCTAGTCTCACTGGCTCTGGGACCAGAAGTGAAGGATTGACTTCACAGGAGACATTTGGT
GAGGAAGATCCCCAGGGATCTGAGCCAGTGAAGCCTGTGACCACATCAGTAAGTCAGAGGGGAGCCTG
GAAAAGCTAGTGGAGCAGAGAGGCCAGGCCAGTCACACTGACCAACGGGGAGAGCAGCAGGGAGTCT
GGGGAAACCTCAGGTTGCTGTCAAGACCTGTTCTGATCAGAGACCTCACAATGTGATATATGTGAG
CAAAGTTTGAACAGAGATCATATCTCAACAACCATAAGCGTGTACACAGGTCAAAAAACAATAACA
GTTTCGTAACCTCTGGGAAATCTCAGTCAAACCTAGTTGTTAAGAAGATCAGAAAATCTACTGGG
AAAAAATTGCATTATTGCAGTACTGTGGAAAACATTCAGGTACAGTGCCAACCTTGTCAGCATCAG
CGGCTTACACTGAAGAGAAGCCCTACAATGTGATGAGTGTGGAAAGCCCTCAGCCAGAGCTGCGAG
TTCATCAATCACCGAAGGATGCACTCAGGAGAGATTCCCTACCGGTGTGACGAGTGTGGGAAGACATTC
ACCCGGAGGCCAACCTCATGAAGCACCAGAGGATTACACTGGGGAGAAACCTACAAGTGTGGGGAG
TGTGGGAAGCACTTAGCGCCTACTCTCCCTGATTTATCACCAGAGAATCCACACCGGAGAGAAACCC
TATAAATGTAATGACTGCGGGAAAGCCTCAGTGATGGCTCAATCCTTATCCGACATCGTCGGACTCAC
ACCGGAGAGAAGCATTGAGTGCAAGGAATGTGGCAAAGCCTTACACAAAGTTCTAACCTTATCCAA
CATCAGAGAATTCACACTGGAGAGAAACCTATAAATGTAATGAATGTGAGAAAGCTTTCATTCAAAA
ACCAAACCTCGTGAACATCAGAGAAGCCACACTGGAGAGAAGCCCTATGAATGCAATGACTGTGGCAA
GTTTTTCAGCCAAAGCACACACCTCATCCAGCACCAGAGAATCCACACAGGAGAGAAGCCCTACAAGTGC
AGCGAGTGTGGGAAGCCTTCCACAACAGTCCAGACTCATCCACCACCAGAGGCTGCACCACGGAGAG
AAACCCTACAGATGCAGCGATTGCAAGAAAGCCTTCCAGCCAGAGCACGTACTTGATTAGCAGCCGGAGG
ATCCACACCGGGAGAAGCCCTACAAGTGCAGCGAGTGTGGGAAGCCTTCCGGCACAGTCCAACATG
TGTCAGCATCAGCGGATTCACCTCCGGGAGGACTTCTCCATG
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238701
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MLLLLSDQLLLTALRKPNPQAMAALFLSAPPQAEVTFEDVAVYLSREEWGRLGPAQRGLYRDMLETYGL
NLVSLALGTRTEYKELTSQETFGEEDPQGSEPVACDHIKSEGSLEKLVEQRGPRAVTLNNESSRES
GGNLRLLSRPVPDQRPHKCDICEQSFEQRSYLNHHRVHRSKKTNTVRNSGEIFSANLVVKEDQKIPTG
KKLHYCSYCGKTFRYSANLVKHQRLHTEEKPKCDECGKAFSQSCEFINHRRMHSGEIPYRCECGKTF
TRRPNLMKHQRIHTGEKPYKCGECGKHFSAYSLLIYHQRHTGEKPYKNCDCGKAFSDGSILIRHRRTH
TGEKPFECCKGKFTQSSNLIHQRIHTGEKPYKNECEKAFIQKTKLVEHQRSHTEKPYECNDCGK
VFSQSTHLIQHRIHTGEKPYKSECGKAFHNSRLIHHQRLHHGEKPYRCDCKKAFSQSTYLIQHRR
IHTGEKPYKSECGKAFRHSSNMCQHQRHILREDFSM
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

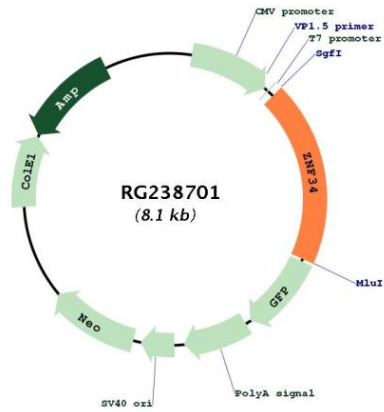
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


- ACCN:** NM_001286770
- ORF Size:** 1560 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_001286770.1](#), [NP_001273699.1](#)
- RefSeq Size:** 2721 bp
- RefSeq ORF:** 1563 bp
- Locus ID:** 80778
- Cytogenetics:** 8q24.3
- Protein Families:** Transcription Factors
- MW:** 60.3 kDa
- Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG238701