

Product datasheet for **RC238701**

ZNF34 (NM_001286770) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF34 (NM_001286770) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF34
Synonyms:	KOX32
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC238701 representing NM_001286770
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTTCTGCTCCTCAGTGACCAGCTCCTGCTCACTGCCCTCAGAAAGCCCAACCTCAGGCAATGGCGG
 CCTTGTTCCTGTCTGCCACCCAGGCCGAGGTGACCTTCGAGGACGTGGCTGTGTACCTCCCAGGGA
 GGAATGGGGCCGCTGGGCCCTGCTCAGAGGGCCTCTACAGGGACGTGATGCTGGAGACCTACGGGAAC
 CTAGTCTCACTGGCTCTTGGGACCAGAAGTACAGGAGTTGACTTCACAGGAGACATTTGGTGAGG
 AAGATCCCAGGGATCTGAGCCAGTAGAAGCCTGTGACCACATCAGTAAGTCAGAGGGGAGCCTGGAAAA
 GCTAGTGGAGCAGAGAGGCCCCAGGCCAGTACACTGACCAACGGGGAGAGCAGCAGGGAGTCTGGGGGA
 AACCTCAGGTTGCTGTCAAGACCTGTTCTGATCAGAGACCTCACAAATGTGATATATGTGAGCAAAGTT
 TTGAACAGAGATCATATCTCAACAACATAAGCGTGTACACAGGTCAAAAAACAAATACAGTTCGTAA
 CTCTGGGAAATCTTCAGTGCAAACTTAGTTGTTAAAGAAGATCAGAAAAATTCCTACTGGGAAAAATTG
 CATTATTGCAGTACTGTGGGAAAACATTCAGGTACAGTGCCAACCTTGCAAGCATCAGCGGCTTACA
 CTGAAGAGAAGCCCTACAAATGTGATGAGTGTGGGAAAGCCTTCAGCCAGAGCTGCGAGTTCATCAATCA
 CCGAAGGATGCACTCAGGAGAGATTCCTACCGGTGTGACGAGTGTGGGAAGACATTCACCCGGAGGCC
 AACCTCATGAAGCACCAGAGGATTCACACTGGGGAGAAACCTACAAGTGTGGGAGTGTGGGAAGCACT
 TTAGCGCTACTCTTCCCTGATTTATCACCAGAGAATCCACACCGGAGAGAAACCTATAAATGTAATGA
 CTGCGGAAAGCCTTCAGTGATGGCTCAATCCTTATCCGACATCGTCGGACTCACACCGGAGAGAAGCCA
 TTTGAGTGCAAGGAATGTGGCAAAGCCTTACACAAAGTTCTAACCTTATCCAACATCAGAGAATCACA
 CTGGAGAGAAACCTATAAATGTAATGAATGTGAGAAAGCTTTCATTCAAAAAACCAAACTCGTGGAA
 TCAGAGAAGCCACACTGGAGAGAAGCCCTATGAATGCAATGACTGTGGCAAAGTTTTTCAGCCAAAGCACA
 CACCTCATCCAGCACCAGAGAATCCACACAGGAGAGAAGCCCTACAAGTGCAGCGAGTGTGGGAAGCCT
 TCCACAACAGTTCAGACTCATCCACCACCAGAGGCTGCACCACGGAGAGAAACCTACAGATGCAGCGA
 TTGCAAGAAAGCCTTCAGCCAGAGCACGTACTTGATTCAGCACCGGAGGATCCACACCGGGGAGAAGCCC
 TACAAGTGCAGCGAGTGTGGGAAGCCTTCCGGCACAGTTCACATGTGTGAGCATCAGCGGATTCACC
 TCCGGGAGGACTTCTCCATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238701 representing NM_001286770
 Red=Cloning site Green=Tags(s)

MLLLLSDQLLLTALRKPNPQAMAALFLSAPPQAEVTFEDVAVYL SREEWGRLGPAQRGLYRDMLETYGN
 LVSLALGTRTEYKELTSQETFGEDPQGSSEPVEACDHISKSEGSLEKLVEQRGPRAVTLNNGESSRESGG
 NLRLLSRPVPDQRPHKCDICEQSFEQRSYLNHHRVHRSKKTNTVRNSGEIFSANLVVKEDQKIPTGKKL
 HYSYCGKTFRYSANLVKHQRLHTEEKPYKCDECGKAFSQSCEF INHRRMHSGEIPYRCECGKTFTRRP
 NLMKHQRIHTGEKPYKCGEKGKHFSAYSLSLIYHQRIHTGEKPYKCNDGKAFSDGSILIRHRRHTGEKP
 FECKEKGKFTQSSNLIQHQRHTGEKPYKNECEKAFIQKTKLVEHQRSHTGEKPYECNDGKVFQSST
 HLIQHQRHTGEKPYKCEGKAFHNSRLIHHQRLHHGEKPYRCSCKKAFSQSTYLIQHRRHTGEKPY
 YKCEGKAFRHSNMCQHQRHILREDFSM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

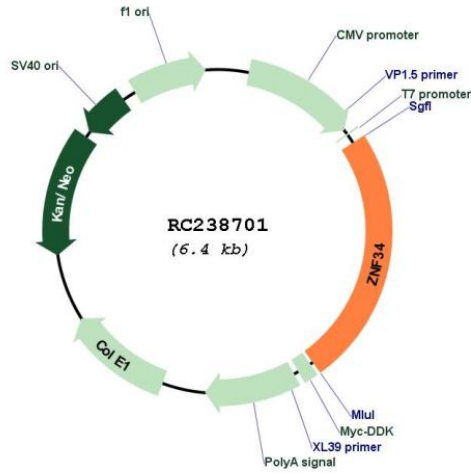
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



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).
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_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]