

Product datasheet for **RC238914**

ZNF286 (ZNF286A) (NM_001288642) Human Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | ZNF286 (ZNF286A) (NM_001288642) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | ZNF286A |
| Synonyms: | ZNF286 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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ORF Nucleotide Sequence:

>RC238914 representing NM_001288642
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGAGAGCCCAGGAGGAAGGCAGGAAGTGGGACCACGAGGCCGGGGGGCTTCTAACTCGTCTGGCC
 AGGGAGATCTGAATTGGGGTGAAGAGCAGAATCTCCAGAACAAGGAGGAGGTGGTATCATGGAGACAGA
 TTTGGCTGAAATGCCTGAGAAAGGAGCTCTGTCTTCCCAGGATTCTCCCATTTCGAAGAGAAGAGCACA
 GAAGAGGGAGAAGTGGCTGCTCTGCGCCTCACGGCCAGATCCCAGGAAACAGTGACATTCAGGATGTGG
 CCATGGACTTTACACCAGAGGAGTGGGGAAAGCTGGATCTGCACAAAGGGATGTGATGCTGGAGAACTA
 TAGGAACCTAGTCTCACTTTGGCTTCCAGTTTCCAAACCTGAGAGCTACAACCTGGAGAATGAAAAAGAA
 CCATTGAAGCTTGAGAGAAAAGCCCCAAAAGCAGCTATTCAGACATGGAGACTAGACCACAGAGCAAGG
 ATTCAACTTCAGTCAAGATTTTCCAAAGCAGAATCATGCAAAGTTGCAATAATAGACAGACTGACACG
 GAATAGTGTCTATGACTCTAACTTGAAGCAGCCCTTGAATGTGAAAATGGTTAGAGAATCAGCAAGGA
 AATCAGGAGAGACATTTGAGAGAAATGTTCACTCACATGAATTCACTCTCTGAGGAAACAGACCATAAGC
 ATGATGTATACTGAAAAAGCTTCAATCAGAAATCTGTCCTTATCACTGAAGACAGAGTTCCTCAAAGGATC
 TTATGCCTTCCATACACTTGAAAAAGCTTGAAACAAAAATCAAACCTTAATGAAAAAGCAGAGAACTTAT
 AAAGAGAAAAACCTCATAAATGTAATGATTGTGGTGAACCTTTCACCTACCATTTCAGTGCTTATTCGAC
 ACCAGAGAGTCCATACTGGAGAGAAACCTATACCTGCAATGAATGTGGGAAATCTTTTAGCCACAGAGC
 TAATTTAACTAAACACCAGAGAACTCATACTAGAATCTCTTTGAATGCAGTGAATGCAAGAAAACCTTC
 ACAGAAAAGCTCATCCCTTGCAACACATCAGAGAATTCAGTTGGAGAGAGACCTTATGAATGCAATGAAT
 GTGGGAAAGGTTTTAATCGAAGTACACATCTTGTGCAGCATCAGTTGATTCACTGGAGTGAAGCCTTA
 TGAATGTAATGAATGTGATAAAGCTTTTTATTTCATCAGCACTCATTAAACATCAAAGAACTCATACT
 GGAGAGAAAACCTTATAAATGTCAAGAATGTGGGAAAGCCTTTAGCCATTGCTCATCCCTAACTAAGCATC
 AGAGAGTTCATACTGGAGAAAAGCCATATGAATGCAGTGAATGTGGAAAACTTTTAGTCAGAGCACACA
 TCTTGTCAACATCAGAGAATTCACACTGGAGAGAAACCTATGAGTGAATGAATGTGGGAAAACCTTC
 AGCCGGAGCTCCAATTTGCTAAACATCAAAGAATTCATATTGGAAGAAAACCGTACAAATGTAGCGAGT
 GTGGAAAAGCCTTCATTCATTCAGCTCTCATTCAACATCAGAGAACTCATACCGAGAGAAAACCTTC
 TAGATGTAATGAGTGTGGGAAAAGCTTTAAGTGCAGTTTCATCTCATCAGACATCAAAGAGTTCACACT
 GAAGAGCAACCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238914 representing NM_001288642
 Red=Cloning site Green=Tags(s)

MGEPRREGKWDHEARGASNSSGQDLNWGEEQNLQNKKEVVIMETDLAEMPEKALSSQDSPHFQEKST
 EEGEVAALRLTARSQETVTFKDVAMDFTPPEEWGLDPAQRDVMLNENYRNLVSLWLPVSKPESYNLENGKE
 PLKLERKAPKSSYSDMETRPQSKDSTSVQDFSKAESCKVAIIDRLTRNSVYDSNLEAALECNWLENQQG
 NQERHLREMFTHMNSLSEEDHKHDVYWKSFNQKSVLITEDRVPKGSYAFHTLEKSLKQKSNLMKKQRTY
 KEKKPHKCNDGELFTYHSVLIRHQRVHTGEKPYTCNECGKSFSHRANLTKHQRTHTRILFECSECKKTF
 TESSSLATHQRIHVGERPYECNECGKGFNRSTHLVQHQLIHTGVKPYECNECDKAFIHSSALIKHQRTHHT
 GEKPYKQCEGKAFSHCSSLTKHQRVHTGEKPYECSECGKTFQSSTHLVQHQRHTHTGEKPYECNECGKTF
 SRSSNFAKHQRIHIGKPKYKSECGKAFIHSSALIQHQRHTHTGEKPFRCNECGKSFKCSSLIRHQRVHT
 EEQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

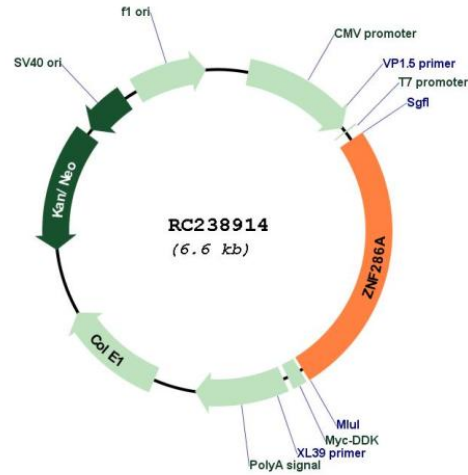
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001288642
 ORF Size: 1692 bp

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| 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_001288642.2 |
| RefSeq Size: | 5399 bp |
| RefSeq ORF: | 1695 bp |
| Locus ID: | 57335 |
| UniProt ID: | Q9HBT8 |
| Cytogenetics: | 17p12 |
| Protein Families: | Transcription Factors |
| MW: | 65.5 kDa |
| Gene Summary: | May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] |