

Product datasheet for **RC238647**

ZNF286 (ZNF286A) (NM_001288643) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF286 (ZNF286A) (NM_001288643) 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



[View online »](#)

ORF Nucleotide Sequence:

>RC238647 representing NM_001288643
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGAGCTCTGTCTTCCAGGATTCTCCCATTTCCAAGAGAAGAGCACAGAAGAGGGAGAAGTGCTG
 CTCTGCGCCTCACGGCCAGATCCAGGAAACAGTGACATTCAAGGATGTGGCCATGGACTTTACACCAGA
 GGAGTGGGGGAAGCTGGATCCTGCACAAAGGGATGTGATGCTGGAGAACTATAGGAACCTAGTCTCACTT
 TGGCTTCCAGTTTCAAACCTGAGAGCTACAACCTGGAGAATGGAAAAGAACCATTGAAGCTTGAGAGAA
 AAGCCCCAAAAGCAGCTATTCAGACATGGAGACTAGACCACAGAGCAAGGATTCAACTTCAGTGAAGA
 TTTTCCAAAGCAGAATCATGCAAAGTTGCAATAATAGACAGACTGACACGGAATAGTGTCTATGACTCT
 AACTTGGAAAGCAGCCCTGAATGTGAAAATTGGTTAGAGAATCAGCAAGGAAATCAGGAGAGACATTTGA
 GAGAAATGTTCACTCACATGAATTCACTCTCTGAGGAAACAGACCATAAGCATGATGTAATGAAAAAG
 CTTCAATCAGAAATCTGTCTTATCACTGAAGACAGAGTTCCTCAAAGGATCTTATGCCTTCCATACACTT
 GAAAAAGCTTGAACAAAAATCAAACCTAATGAAAAAGCAGAGAACTTATAAGAGAAAAAACCTCATA
 AATGTAATGATTGTGGTGAACCTTCCACCTACCATTCACTGCTTATTCGACACCAGAGAGTCCATACTGG
 AGAGAAACCTATACCTGCAATGAATGTGGGAAATCTTTTAGCCACAGAGCTAATTTAACTAAACACCAG
 AGAACTCATACTAGAATTCCTTTGAATGCAGTGAATGCAAGAAAACCTTACAGAAAGCTCATCCCTTG
 CAACACATCAGAGAATTCACGTTGGAGAGAGACCTTATGAATGCAATGAATGTGGGAAAGGTTTTAATCG
 AAGTACACATCTGTGCAGCATCAGTTGATTCACTGGAGTGAAGCCTTATGAATGTAATGAATGTGAT
 AAAGCTTTTATTCATTCAGCACTCATTAAACATCAAAGAACTCATACTGGAGAGAAACCTTATAAAT
 GTCAAGAATGTGGGAAAGCCTTTAGCCATTGCTCATCCCTAACTAAGCATCAGAGAGTTCACTAGGAGA
 AAAGCCATATGAATGCAGTGAATGTGAAAAAATTTTAGTCAGAGCACACATCTTGTTCACATCAGAGA
 ATTCACACTGGAGAGAAACCTATGAGTGAATGAATGTGGGAAAACCTTACGCCGAGCTCCAATTTTG
 CTAACATCAAAGAATTCATATTGGAAAGAAACCGTACAATGTAGCGAGTGTGGAAAAGCCTTCATTCA
 TTCATCAGCTCTCATTCAACATCAGAGAACTCATACCGGAGAGAAACCTTTAGATGTAATGAGTGTGG
 AAAAGCTTTAAGTGCAGTTCATCTCTCATCAGACATCAAAGAGTTCACACTGAAGAGCAACCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238647 representing NM_001288643
 Red=Cloning site Green=Tags(s)

MGALSSQDSPHFQEKSTEEGEVAALRLTARSQETVTFKDVAMDFTPPEWGLDPAQRDVMLENYRNLVSL
 WLPVSKPESYNLENGKEPLKLERKAPKSSYSMDMETRPQSKDSTSVQDFSKAESCKVAIIDRLTRNSVYDS
 NLEAALECEWLENQGNQERHLREMFTHMNSLSEEDHKHDVYWKSFNQKSVLITEDRVPKGSYAFHTL
 EKSLKQKSNLMKKQRTYKEKKPHKCNDGELFTYHVSILRHQRVHTGEKPYTCNECGKSFSHRANLTKHQ
 RTHTRILFECSECKKTFTESSSLATHQRIHVGERPYECNECGKGFNRSTHLVQHQLIHTGVKPYECNECD
 KAFIHSSALIKHQRTHTEKPYKCEGKAFSHCSSLTKHQRVHTGEKPYECSECGKTFQSSTHLVQHQR
 IHTGEKPYECNECGKTFSRSSNFQKHQRIHIGKKPYKCEGKAFIHSSALIQHQRTHTEKPFRCNECG
 KSFKCSSLIRHQRVHTEEQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

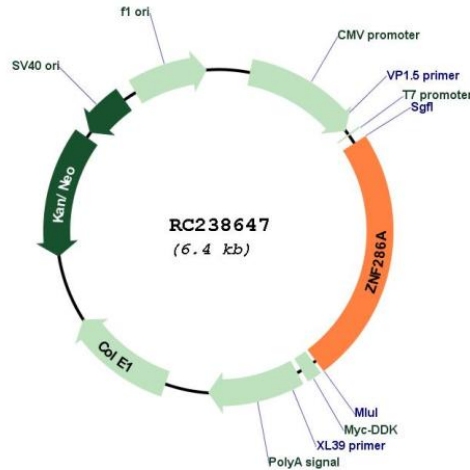
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:


ACCN: NM_001288643

ORF Size: 1533 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_001288643.2](#)

RefSeq Size: 5240 bp

RefSeq ORF: 1536 bp

Locus ID: 57335

UniProt ID: [Q9HBT8](#)

Cytogenetics: 17p12

Protein Families: Transcription Factors

MW: 59.5 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]