

Product datasheet for **RC238033**

ZNF286 (ZNF286A) (NM_001288645) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF286 (ZNF286A) (NM_001288645) 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
ORF Nucleotide Sequence:	>RC238033 representing NM_001288645 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGACTAGACCACAGAGCAAGGATTCAACTTCAGTGAAGATTTTTCCAAGCAGAATCATGCAAAG
TTGCAATAATAGACAGACTGACACGGAATAGTGTCTATGACTCTAACTTGAAGCAGCCCTTGAATGTGA
AAATTGGTTAGAGAATCAGCAAGGAAATCAGGAGAGACATTTGAGAGAAATGTTCACTCACATGAATTCA
CTCTCTGAGGAAACAGACCATAAGCATGATGTATACTGGAAAAGCTTCAATCAGAAATCTGTCCTTATCA
CTGAAGACAGAGTTCCCAAAGGATCTTATGCCTTCCATACACTTGAAAAAAGCTTGAAAACAAAAATCAAA
CTTAATGAAAAAGCAGAGAACTTATAAAGAGAAAAACCTCATAAATGTAATGATTGTGGTGAACCTTTC
ACCTACCATTCACTGCTTATTCGACACCAGAGAGTCCATACTGGAGAGAAACCTATACCTGCAATGAAT
GTGGGAAATCTTTAGCCACAGAGCTAATTTAACTAAACACCAGAGAAGCTCATACTAGAATTCCTTTTGA
ATGCAGTGAATGCAAGAAAACCTTCACAGAAAGCTCATCCCTTGAACACATCAGAGAATTCACGTTGGA
GAGAGACCTTATGAATGCAATGAATGTGGGAAAGTTTTAATCGAAGTACACATCTGTGCAGCATCAGT
TGATTCATACTGGAGTGAAGCCTTATGAATGTAATGAATGTGATAAAGCTTTTATTCATCAGCACT
CATTAAACATCAAAGAAGCTCATACTGGAGAGAAACCTTATAAATGTCAAGAATGTGGGAAAGCCTTTAGC
CATTGCTCATCCCTAACTAAGCATCAGAGAGTTTATACTGGAGAAAAGCCATATGAATGCAGTGAATGTG
GAAAAACTTTTAGTCAGAGCACACATCTTGTCAACATCAGAGAATTCACACTGGAGAGAAAACCTATGA
GTGTAATGAATGTGGGAAAACCTTCAGCCGAGCTCCAATTTTGCTAAACATCAAAGAATTCATATTGGA
AAGAAACCGTACAAATGTAGCGAGTGTGGAAAAGCCTTCATTTCATCAGCTCTCATTCAACATCAGA
GAACTCATACCGAGAGAAAACCTTTAGATGTAATGAGTGTGGGAAAAGCTTTAAGTGCAGTTCATCTCT
CATCAGACATCAAAGAGTTCACACTGAAGAGCAACCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGAT AAGGTTTAA



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Protein Sequence: >RC238033 representing NM_001288645
Red=Cloning site Green=Tags(s)

METRPQSKDSTSVQDFSKAESCKVAIIDRLTRNSVYDSNLEAALECNWLENQQGNQERHLREMFTHMNS
 LSEETDHHKHDVYKSFNQKSVLITEDRVPKGSYAFHTLEKSLKQKSNLMKKQRTYKEKKPHKCNDGELF
 TYHSLVLRHQRVHTGEKPYTCNECGKSFSHRANLTKHQRTHTRILFECSECKTFTESSSLATHQRIHVG
 ERPYECNECGKGFNRSTHLVQHQLIHTGVKPYECNECDKAFIHSSALIKHQRTHTGEKPYKCQECGKAFS
 HCSSLTKHQRVHTGEKPYECSECGKTFSSQSTHLVQHQR.IHTGEKPYECNECGKTFSSSNFAKHQRIHIG
 KKPYPKSECGKAFIHSSALIQHQRTHTGEKPFRCNECGKSFKCSSLIRHQRVHTEEQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

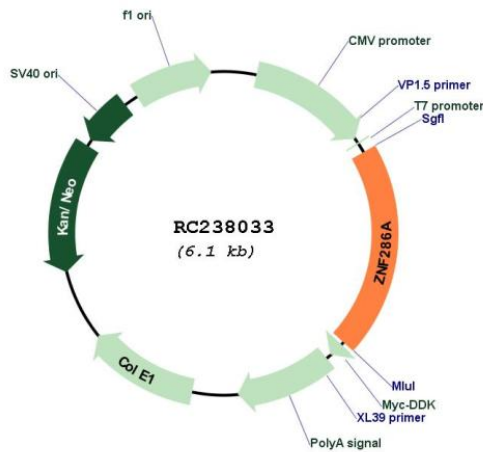
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001288645

ORF Size:	1227 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_001288645.2
RefSeq Size:	5618 bp
RefSeq ORF:	1230 bp
Locus ID:	57335
UniProt ID:	Q9HBT8
Cytogenetics:	17p12
Protein Families:	Transcription Factors
MW:	47.9 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]