

## Product datasheet for **RC238037**

### ZNF286 (ZNF286A) (NM\_001288649) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF286 (ZNF286A) (NM_001288649) 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:	>RC238037 representing NM_001288649 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGACTAGACCAGAGCAAGGATTCAACTTCAGTGAAGATTTTTCCAAGCAGAATCATGCAAAG  
TTGCAATAATAGACAGACTGACACGGAATAGTGTCTATGACTCTAACTTGAAGCAGCCCTTGAATGTGA  
AAATTGGTTAGAGAATCAGCAAGGAAATCAGGAGAGACATTTGAGAGAAATGTTCACTCACATGAATTCA  
CTCTCTGAGGAAACAGACCATAAGCATGATGTATACTGGAAAAGCTTCAATCAGAAATCTGTCCTTATCA  
CTGAAGACAGAGTTCCCAAAGGATCTTATGCCTTCCATACACTTGAAAAAGCTTGAAAACAAAAATCAAA  
CTTAATGAAAAGCAGAGAACTTATAAAGAGAAAAACCTCATAAATGTAATGATTGTGGTGAACCTTTC  
ACCTACCATTCACTGCTTATTCGACACCAGAGAGTCCATACTGGAGAGAAACCTATACCTGCAATGAAT  
GTGGGAAATCTTTAGCCACAGAGCTAATTTAACTAAACACCAGAGAATCATACTAGAATTCCTTTTGA  
ATGCAGTGAATGCAAGAAAACCTTCACAGAAAGCTCATCCCTTGAACACATCAGAGAATTCACGTTGGA  
GAGAGACCTTATGAATGCAATGAATGTGGGAAAGTTTTAATCGAAGTACACATCTGTGCAGCATCAGT  
TGATTCATACTGGAGTGAAGCCTTATGAATGTAATGAATGTGATAAAGCTTTTATTCATCAGCACT  
CATTAAACATCAAAGAATCATACTGGAGAGAAACCTTATAAATGTCAAGAATGTGGGAAAGCCTTTAGC  
CATTGCTCATCCCTAACTAAGCATCAGAGAGTTTATACTGGAGAAAAGCCATATGAATGCAGTGAATGTG  
GAAAACTTTTAGTCAGAGCACACATCTTGTCAACATCAGAGAATTCACACTGGAGAGAAAACCTATGA  
GTGTAATGAATGTGGGAAAACCTTCAGCCGGAGCTCCAATTTTGTAAACATCAAAGAATTCATATTGGA  
AAGAAACCGTACAAATGTAGCGAGTGTGGAAAAGCCTTCATTATTTCATCAGCTCTCATTCAACATCAGA  
GAACTCATACCGAGAGAAAACCTTTAGATGTAATGAGTGTGGGAAAAGCTTTAAGTGCAGTTCATCTCT  
CATCAGACATCAAAGAGTTCACACTGAAGAGCAACCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC238037 representing NM\_001288649  
 Red=Cloning site Green=Tags(s)

METRPQSKDSTSVQDFSKAESCKVAIIDRLTRNSVYDSNLEAALECNWLENQQGNQERHLREMFTHMNS  
 LSEETDHHKHDVYKSFNQKSVLITEDRVPKGSYAFHTLEKSLKQKSNLMKKQRTYKEKKPHKCNDGELF  
 TYHSVLIRHQRVHTGEKPYTCNECGKSFSHRANLTKHQRTHTRILFECSECKTFTESSSLATHQRIHVG  
 ERPYECNECGKGFNRSTHLVQHQLIHTGVKPYECNECDKAFIHSSALIKHQRTHTGEKPYKCQECGKAFS  
 HCSSLTKHQRVHTGEKPYECSECGKTFSSQSTHLVQHQR.IHTGEKPYECNECGKTFSSSNFAKHQRIHIG  
 KKPYPKSECGKAFIHSSALIQHQRTHTGEKPFRCNECGKSFKCSSLIRHQRVHTEEQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

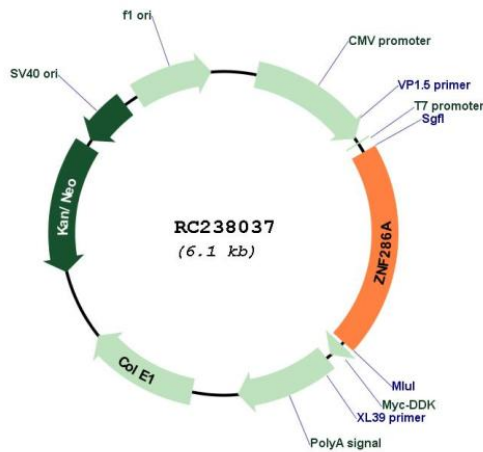
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001288649

<b>ORF Size:</b>	1227 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001288649.2</a>
<b>RefSeq Size:</b>	5120 bp
<b>RefSeq ORF:</b>	1230 bp
<b>Locus ID:</b>	57335
<b>UniProt ID:</b>	<a href="#">Q9HBT8</a>
<b>Cytogenetics:</b>	17p12
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	47.9 kDa
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]