

Product datasheet for **RC239335**

ZNF7 (NM_001282795) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF7 (NM_001282795) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF7
Synonyms:	HF.16; KOX4; zf30
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC239335 representing NM_001282795
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGATTCCTGGGGTGTGGTGTGTGCTTTTACAGGAGTGGTAACATTTGGCGATGTGGCTGTGCACT
 TCTCTCGGGAGGAGTGGCAGTGTCTGGACCCTGGCCAGAGGGCCCTCTACAGGAAAGTGATGCTGGAGAA
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 GGAGAAGAGCCATGGGTCTCGACTGCAGGGAGCAGAGGGGACAGAGGCACCAAGGACCTCCAAGACAG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239335 representing NM_001282795
 Red=Cloning site Green=Tags(s)

MGFLGCWCVSFQEVVTFGDVAVHFSREEWQCLDPGQRALYREVMLENHSSVAGLAGFLVFKPELISRLEQ
 GEEPWVLDLQGAEGTEAPRTSKTDSTIRTENEQACEDMDILKSESYGTVVRI SPQDFPQNPFGDVSDSE
 VWLDSHLGGSPGLKVTGFTFQNNCLNEETVVPKTF TKDAPQGCKELGSSGLDCQPLESQGESAEGMSQRCE
 ECGKGIRATSDIALHWEINTQKISRQECQKKLSDCLQGKHTNNCHGEKPYECAECGKVFR LCSQLNQHQ
 RIHTGEKPFKCTECGKAFRLSSKLIQHQR IHTGEKPYRCEECGKAFGQSSSLIHHQR IHTGERPYGCREC
 GKAFSQSSQLVRHQRTHTGERPYPCKEKGAFSQSSSTLAQHQRMHTEKAQILKASDSPSLVAHQRIHAV
 EKPFKDCDECGKAFRWISRLSQHQLIHTGEKPYKCNKCTKAFGSSRLIRHQRTHTGEKPFKDCDECGKFV
 QGSHLIQHQR IHTGEKPYVCNDGKAFSQSSSLIYHQR IHKGEKPYECLQCGKAF SMSTQLTIHQRVHTG
 ERPYKNECGKAFSQNSTLFQHQIIHAGVKPYECSECGKAFSRSSYLIEHQRIHTRAQWFYEYGNAL EGS
 TFVSRKKVNTIKKLHQCEDCEKIFRWRSHLIHQRIHTGEKPYKNCNDGKAFNRSSRLTQH QKIHMG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

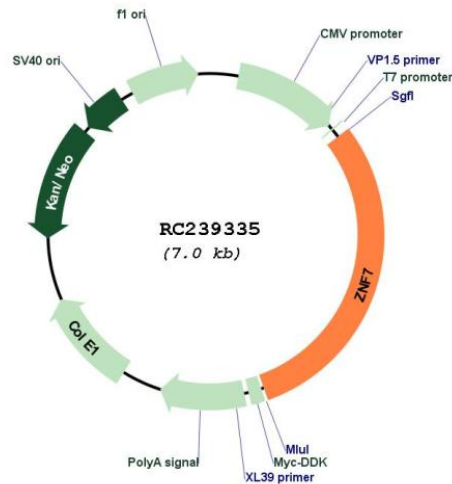
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001282795

ORF Size: 2091 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_001282795.2](#)

RefSeq Size: 2285 bp

RefSeq ORF:	2094 bp
Locus ID:	7553
UniProt ID:	<u>P17097</u>
Cytogenetics:	8q24.3
Protein Families:	Transcription Factors
MW:	79.6 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]