

Product datasheet for **RC239486**

ZNF167 (ZKSCAN7) (NM_001288590) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	ZNF167
Synonyms:	ZFP; ZNF64; ZNF167; ZNF448; ZSCAN39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >RC239486 representing NM_001288590
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCACTGCAGGCAGGGGAAATTTAGGCCTCATCCCAGGAGCACTGCTTTCCAGAAGCAAGAGGGGC
GCCTGACTGTGAAGCAGGAGCCAGCAAACCAGACCTGGGGGCAGGGCAGCAGTCTCCAGAAGAACTATCC
TCCTGTCTGCGAAATCTTCGGCTACACTTCAGGCAATTGTGTTACCACGAGATGTCTGGGCGCAGGAA
GCATTGAGCCGGCTTCGGGAGCTCTGCCGTGGTGGCTCATGCCAGAGGTGCACACCAAGGAGCAGATCC
TGGAGCTGCTGGTCTTGAGCAGTTCCTGAGCATCCTCCCTGGGGAGCTCCGGACCTGGGTGCAGCTGCA
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AGATGAAGAAGGGAGCAGACTAGAAAATGATTTCTTGAAAATAACAGATGAAGATAAGAAAAATCCACA
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CCTTATTGGCCATCAGAGAATCCACACTGGAGAGAAACCTATGAGTGTAAATGAGTGTGGGAAGACCTTC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239486 representing NM_001288590

Red=Cloning site Green=Tags(s)

MTTAGRGNLGLIPRSTAFQKQEGRLTVKQEPANQTWQGSSSLQKNYPVCEIFRLHFRQLCYHEMSGPQE
ALSRLRELCRWLMPEVHTKEQILELLVLEQFLSILPGELRTWVQLHHPESGEEAVAVVEDFQRHLSGSE
EVSAPAQKQEMHFEETALGTTKESPTSPLSGGAPGAHLEPPYDPGTHHLP SGDF AQCTSPVPTLPQV
GNSGDQAGATVLRMVRPQDTVAYEDLSVDYTQKKWKSLLTSQLALQWNMMPENHHSMAFLAGENMMKGSE
LTPKQEFFKGSESSNRTSGGLFGVVPGAAETGDVCEDTFKELEGQTSDEEGSRL ENDFLEITDEDKKST
KDRYDKYKEVGEHPPLSSSPVEHEGVKKGQKSYRCDECGKAFNRSSHLIGHQRIHTGEKPYECNECGKTF
RQTSQLIVHLRTHTEKPYECSECGKAYRHSSHLIQHQLHNGEKPYKCNECAKFTQSSRLTDHQRTHT
GEKPYECNECGEAFIRKSLARHQVLHTGKKPYKCNECGRAFC SNRNLIDHQRHTGEKPYECSECGKAF
SRSKCLIRHQLHTGEKPYKCSECGKAFNQNSQLIEHERIHTGEKPFECSECGKAFGLSKCLIRHQLHT
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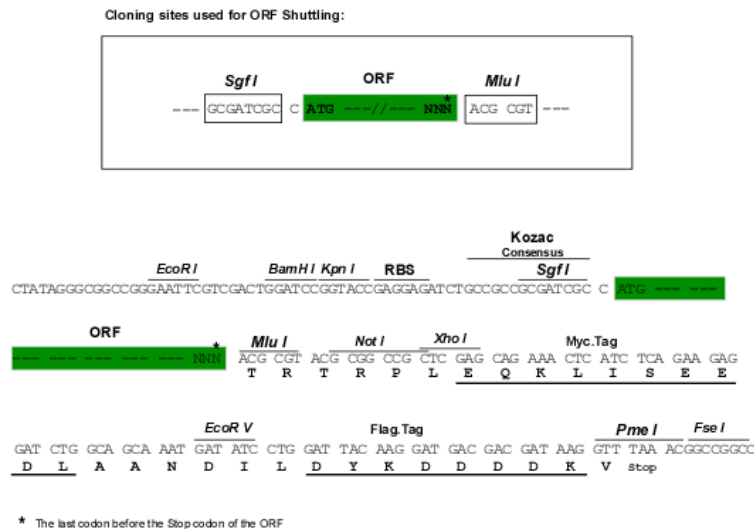
Chromatograms:

https://cdn.origene.com/chromatograms/mk8021_h08.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_001288590

ORF Size:

2262 bp

OTI Disclaimer:

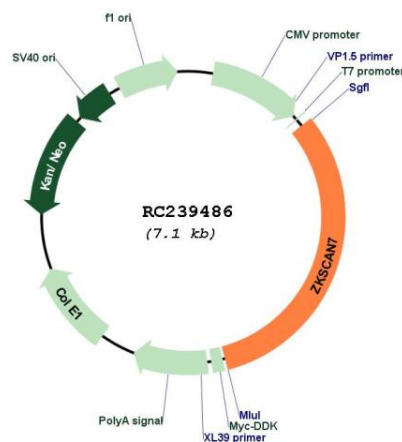
The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001288590.2
RefSeq Size:	3492 bp
RefSeq ORF:	2265 bp
Locus ID:	55888
UniProt ID:	Q9P0L1
Cytogenetics:	3p21.31
Protein Families:	Transcription Factors
MW:	85 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC239486