

Product datasheet for **RC219571**

ZNF14 (NM_021030) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF14 (NM_021030) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF14
Synonyms:	GIOT-4; KOX6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RC219571 representing NM_021030
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACTCAGTCTCCTTTGAGGATGTGGCCGTGAACCTCACCTGGAGGAGTGGCTTTGCTGGATTCTT
CACAGAAAAGCTCTATGAAGATGTGATGCAGGAGACCTTCAAAAACCTGGTTTGTCTAGGAAAAAGTG
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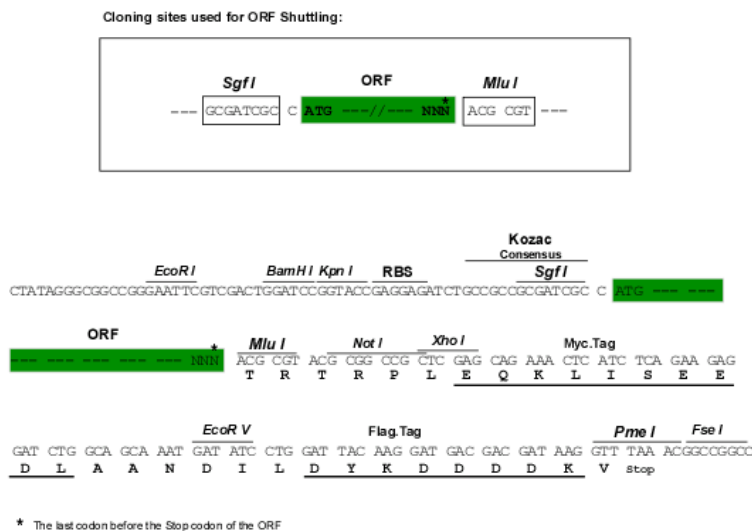
Protein Sequence: >RC219571 representing NM_021030
Red=Cloning site Green=Tags(s)

MDSVSFEDVAVNFTLEEWALLDSSQKLYEDVMQETFKNLVCLGKKWEDQDIEDDHRNQGNRRCHMVER
 LCESRRGSKCGE TTSQMPNVNINKETFTGAKPHECSFCGRDFIHHSSLNRHMRSHGTGQKPNEYQEYEQP
 CKCKAVGKTF SYHHC FRKHERTHTGVKPYECKQCGKAF IYYQPFQRHERTHAGQKPYECKQCGKTF IYYQ
 SFQKHAHTGKKPYECKQCGKAFICYQSFQRHKRTHTEKPYECKQCGKAFSCPTYFRTHERTHTGEKPYK
 CKECGKAFSFLSSFRHKRTHSGEKPYECKCGKAF FYSASFRAHVI IHTGARPYKCKECGKAFNSNSC
 RVHERTHIGKPYECKRCGKSF SWSISLRLHERTHTEKPYECKQCHKTF SSSSLREHETTHTGEKPYE
 CKQCGKTF SSSSLQRHERTHNAEKPYECKQCGKAFRCSSYFRIHERSHTGEKPYECKQCGKVFIRSSSF
 RLHERTHTEKPYECKLCKGKTF SSSSLREHEKIHTGNKPFECKQCGKAF LRSSQIRLHERTHTEKPYQ
 CKQCGKAFISSKFRMHERTHTEKPYRCKQCGKAF R SSSVRIHERSHTGEKPYECKQCGKAFISSSHF
 RLHERTHMGEKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_021030

ORF Size: 1926 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_021030.3](#)

RefSeq Size: 2967 bp

RefSeq ORF: 1929 bp

Locus ID: 7561

UniProt ID: [P17017](#)

Cytogenetics: 19p13.11

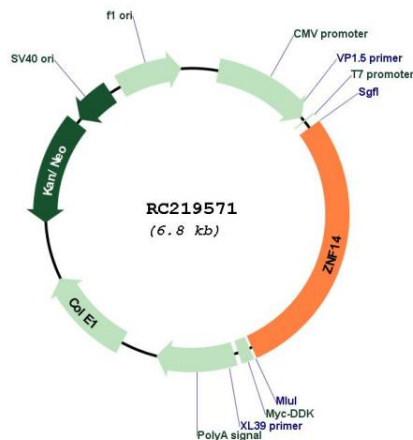
Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors

MW: 75.2 kDa

Gene Summary: The protein encoded by this gene contains a zinc finger and a Kruppel-associated box (KRAB) domain. KRAB domain is known to be involved in the transcriptional repression of a number of zinc finger proteins. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC219571