

## Product datasheet for **RC206341**

### Zfp219 (ZNF219) (NM\_016423) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp219 (ZNF219) (NM_016423) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp219
Synonyms:	ZFP219
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide  
Sequence:**

>RC206341 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGGCTCAGTCCCGCGCCCGAGCGGCCACTTAGCGCCGTCGCCCGGCTTTCGACGGCGAGC  
 TGGATCTGCAGCGATACTCCAACGGGCCAGCCGTGAGCGCAGGGTCGCTCGGGATGGGAGCGGTGAGCTG  
 GTCTGAGAGTCGTGCAGGCGAACGGCGCTTCCCCTGCCCTGTATGCGGGAAGCGCTTCCGCTTCAACTCT  
 ATCCTTGTCTTGCACCTGCGGGCGCACCCAGGAGCCAGGCCCTCCAGTGCCCTCACTGCGGCCACCGCG  
 CGGCGCAGCGGGCTCTGCTGCGCTCGCACCTGCGCACACACCAGCCGAGCGCCACGTAGTCTGCTGC  
 ACGCTGTTGCTGGAGTTGGAAGAGCGCGCTACTACGCGAGGCCCGACTGGGGAGAGCCGAAGCTCA  
 GGGGGCATGCAGGCCACCCCTGCCACTGAGGGTCTGGCGCGGCCAGGCTCCTTCATCGTCCGCCCTCC  
 GTTGCCCTACTGCAAAGCAAGTTTCGACCTCGGCGGAGCGCAACGCCACCTGCACATCTGCATAG  
 GCCCTGGAAGTGGGCCCTGTGCAGTTTCGCTCCAGCCAGGAGGAGGAGCTGCTGCACCACGCCTGACG  
 GCCACAGGGGCTCCCGAGCGTCCCCTGGCGGCCACCTCCGCTGCGCTCCGCCTCAGCCTCAGCCTCAGC  
 CTCCACCCAGCCGAACCCAGATCAGTCCCCAGCCGGAGCCGGAGCCGGAGCCGAACGTGAGGCAAC  
 CCCGACCACAGCTCCTGCCGCTCCCGAGGAGCCCCAGCGCTCCGGAGTTCCGCTGCCAAGTGTGCGGC  
 CAGAGCTTTACACAGTCTTGTTTCTCAAGGGCCACATGCGTAAGCACAAGGCTCCTTCGATCATGCGT  
 GTCCGGTGTGCGGCCGCTGCTTCAAGGAGCCCTGGTTCCTTAAGAACCACATGAAGGTGCACGCCAGCAA  
 GCTGGGCCACTGCGTCCCCGGGGCTGCCTCCGGGCTGCCCGCGCCCCAGCCTCTGACCTCGGC  
 CTGCTGGCCTATGAGCCGTTGGGCCAGCGCTCCTTTGGCCCCGGCTCCACCCCGCCGAGCGCCGTG  
 AGCCCCGAGCCTTTGGGCTACCTGAGCTGCGAGCTGGCGAGGGCCGGCCCAACGGCGAGGGTGTGA  
 GCCCGGTCCCGGCCGACGCTTCGGAGGCTTCCGCCCGCTGTCTCTGCTCTCCCGGCCGGGCTCGCCGG  
 CACCGTGCAGGAGCCTGAGGAAGAAGAGGAGGTGGTGGAGGCCGAGGAGGAAACCTGGGCCCGGGCA  
 GGTGCTGGGCTCTCTGGCTTCCCTGCACCCGCGCCCGGTGAGGGACCGGGCACTCTGCCTCTGCTGC  
 TGGGGCCAGGCAAGATCGACCGCCACGCAGGAAGAGAAATGGGCTGTTGGTTGGAGGGACCCGGCCTGAA  
 GGGGGCCGGGGCCACCGCAAGGATTGTCTTTCTGCGGAAAATCTTCCGCTCAGCACATCACCTCA  
 AAGTGCATCTGCGAGTGCACACAGGCGAGCGGCCCTACAAGTGTCCGACTGCGACTACGCGGGCACCCA  
 GTCCGGCTCGCTCAAGTATCACCTACAGCGCCACCACCGGAGCAGAGGAGCGGGCCGGCCCCGGGCCA  
 CCCCCGAGCCACCGCTCCTTCCAGCGGGGTTCCGCCCGCAATCTGGAGCCAAGCCGTCTCCGCAGC  
 CTGCGACCTGGTGGAGGGCGCCTCAAGTCCCCGGCTCCTTCTAGCGGTGCTGGCCGGGGTCCCGTCCG  
 GAAGCCCGCCAGCCCTGGGAGGACCTGCGCAACGGGCGAGGCGGTGAGGCCGAACCCCTGGACCTGTCC  
 TTGCGGGCAGGGCCGGGAGGCGAGGCGGGGCTGGGGGTGCCCTCCACCGCTGCCTCTTCTGCCGTTCCG  
 CCACTGGAGCCCCAGAGCTCATGGCCTTGACCTTCAAGTGCACCACAGCCCGCGGGCTAGGGGCCGCCG  
 GCCACCCAGGCTGACGCGTCCCCGCCCTATGCCCGAGTACCATCAGGAGAGACCCTCCAGTCCCTTCG  
 CAGGAAGGGGAGGAGGCTCCGGCTGTCCAGACCCGGAGAGGAGGCTGGGGGGCAAGAACGG

**AGCGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC206341 protein sequence  
Red=Cloning site Green=Tags(s)

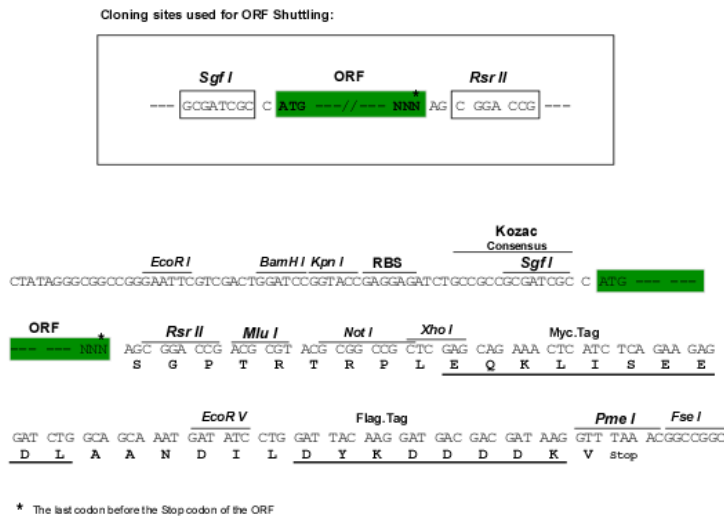
```
MEGSRPRAPSGHLAPSPPAFDGELDLQRYSNPVAVSAGSLGMGAVSWSES RAGERRFPCPVCGKRFRFNS
ILALHLRAHPGAQAFQCPHCGRHAAQRALLRSHLRTHQPERPRSPAARLLLEERALLREARLGRARSS
GGMQATPATEGLARPQAPSSSAFRCPYCKGKFRTSAERERHLHILHRPWKCGLCSFGSSQEEELLHHSLT
AHGAPERPLAATSAAPPPQPQPQPPEPRSVQPPEPEPEPEREATPTTAPAAPEEPPAPPEFRCQVCG
QSFTQSWFLKGHMRKHKASFHDHACPVCGRCFKEPWFLKNHMKVHASKLGPLRAPGPASGPAPARAPPPDLG
LLAYEPLGPALLAPAPTPAERREPPSLLGYLSLRAGEGRPNGEAEPGGRSFGGFRPLSSALPARARR
HRAEEPEEEEEVVEAEEETWARGRSLGSLASLHPRPGEGPGHSASAAGAQRSTATQEENGLLVGGTRPE
GGRGATGKDCPFCKGSAHHLKVHLRVHTGERPYKCPHCDYAGTQSGSLKYHLQRHHRQSRGAGPGP
PPEPPPPSQRGSAPQSGAKPSPQATWVEGASSRPPSSGAGPGSRRKPASPGRTLNRNGGGEAEPLDLS
LRAGPGGEAGPGGALHRCLFCPFATGAPELMALHLQVHHSRRRARRRPPQADASPPYARVPSGETPPSPS
QEGEEGSLSRPGEAGLGGQER
```

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6794\\_e10.zip](https://cdn.origene.com/chromatograms/mk6794_e10.zip)

**Restriction Sites:** SgfI-RsrII

**Cloning Scheme:**



**ACCN:** NM\_016423

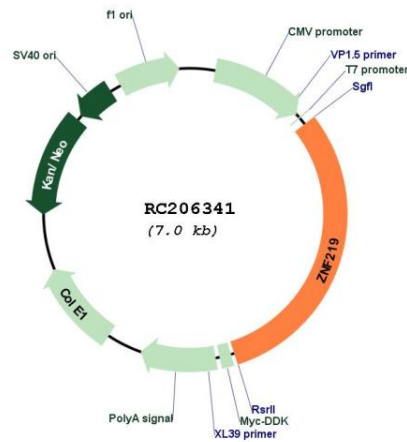
**ORF Size:** 2166 bp

**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](#)

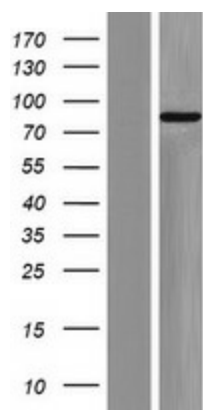
**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

<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_016423.3</a>
<b>RefSeq Size:</b>	3098 bp
<b>RefSeq ORF:</b>	2169 bp
<b>Locus ID:</b>	51222
<b>UniProt ID:</b>	<a href="#">Q9P2Y4</a>
<b>Cytogenetics:</b>	14q11.2
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	76.9 kDa
<b>Gene Summary:</b>	This gene is a member of the Kruppel-like zinc finger gene family. The encoded protein functions as a transcriptional repressor of the high mobility group nucleosome binding domain 1 protein, which is associated with transcriptionally active chromatin. [provided by RefSeq, Apr 2017]

## Product images:



Circular map for RC206341



Western blot validation of overexpression lysate (Cat# [LY420325]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC223274] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).