

## Product datasheet for **RC223274**

### Zfp219 (ZNF219) (NM\_001101672) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp219 (ZNF219) (NM_001101672) 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:

>RC223274 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGGGCTCAGTCCCGCGCCCGAGCGGCCACTTAGCGCCGTCGCCCGGCTTTCGACGGCGAGC  
TGGATCTGCAGCGATACTCCAACGGGCCAGCCGTGAGCGCAGGGTCGCTCGGGATGGGAGCGGTGAGCTG  
GTCTGAGAGTCGTGCAGGCGAACGGCGCTTCCCCTGCCCTGTATGCGGGAAGCGCTTCCGCTTCAACTCT  
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ACGCTGTTGCTGGAGTTGGAAGAGCGCGCTACTACGCGAGGCCCGACTGGGGAGAGCCGAAGCTCA  
GGGGGCATGCAGGCCACCCCTGCCACTGAGGGTCTGGCGCGGCCCCAGGCTCCTTCATCGTCCGCCCTCC  
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CCCAGCCCGAACCCAGATCAGTTCCCAGCCGGAGCCGGAGCCGGAGCCGAACGTGAGGCAACCCCGAC  
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CCTGGGTGGAGGGCGCCTCAAGTCCCCGGCCTCCTTCTAGCGGTGCTGGGCCGGGTCCCGTCGGAAGCC  
CGCCAGCCCTGGGAGGACCTGCGCAACGGGCGAGGCGGTGAGGCCGAACCCCTGGACCTGTCTTGGCG  
GCAGGGCCGGGAGGCGAGGCCGGGCTGGGGTGCCTCCACCGTGCCTTCTGCCGTTTCGCCACTG  
GAGCCCCAGAGCTCATGGCCTTGACCTTCAAAGTGCACCACAGCCGCGGGCTAGGGGCCCGGCCACC  
CCAGGCTGACGCGTCCCCGCCATGCCGAGTACCATCAGGAGAGACCCTCCAGTCTTTCGAGGAA  
GGGGAGGAGGGCTCCGGGCTGTCCAGACCCGGAGAGGCAGGGCTGGGGGGCAAGAACGG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC223274 protein sequence  
Red=Cloning site Green=Tags(s)

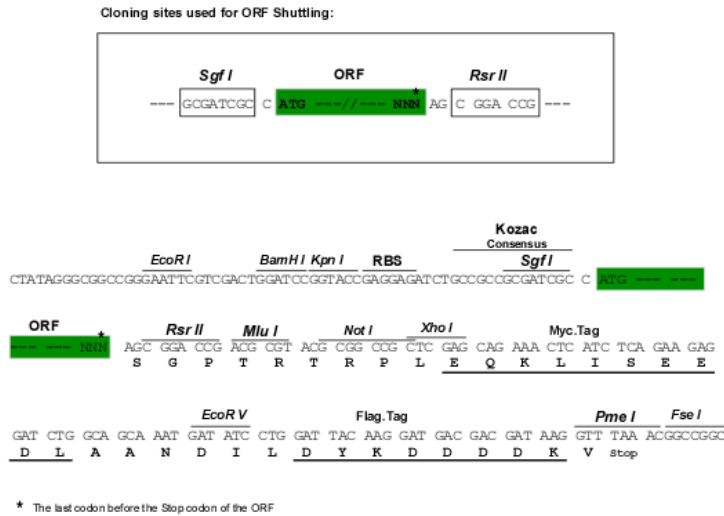
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GGMQATPATEGLARPQAPSSSAFRCPYCKGKFRTSAERERHLHILHRPWKCGLCSFGSSQEEELLHHSLT
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AYEPLGPALLLAPAPTPAERREPPSLLGYLSLRAGEGRPNGEAEPGPGRSFGGFRPLSSALPARARRHR
AEEPEEEEEVVEAEEETWARGRSLGSLASLHPRPGE GPGHSASAAGA QARSTATQEENGLLVGGTRPEGG
RGATGKDCPCGKSFSAHHLKVHLRVHTGERPYKCPHCDYAGTQSGSLKYHLQRHREQRSGAGP GPPP
EPPPPSQRSAPQSGAKPSPQATWVEGASSPRPPSSGAGPGRKPPASPGRTLNRNGGGEAEPLDSLRLR
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GEEGSLSRPGEAGLGGQER
```

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\_001101672

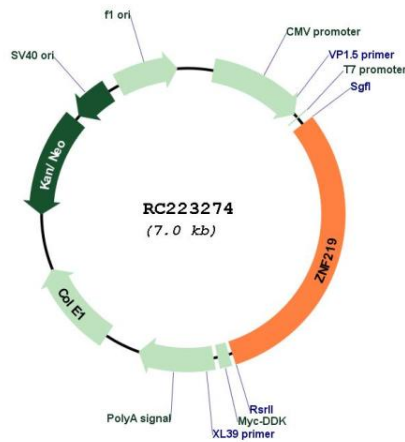
**ORF Size:** 725 bp

**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](#)

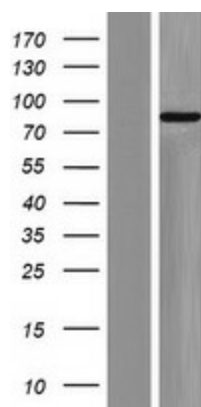
**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

<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>	<u>NM_001101672.1</u> , <u>NP_001095142.1</u>
<b>RefSeq Size:</b>	2964 bp
<b>RefSeq ORF:</b>	2169 bp
<b>Locus ID:</b>	51222
<b>UniProt ID:</b>	<u>Q9P2Y4</u>
<b>Cytogenetics:</b>	14q11.2
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	76.7 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 RC223274



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]).