

## Product datasheet for **RC224719**

### ZNF146 (NM\_001099638) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF146 (NM_001099638) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF146
Synonyms:	OZF
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC224719 representing NM_001099638 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCACACCTCAGCCAGCAGAAAATTTACAGTGGGGAAAACCCCTTTCCTGTAAAGGTATGTGGAAAAG  
TCTTCAGCCACAAATCAAACCTCACTGAGCATGAGCATTTTACACGAGAGAGAAAACCTTTGAATGTAA  
CGAGTGTGGAAAAGCCTTTAGCCAAAAGCAGTATGTCATTAACATCAGAACACCCATACTGGCGAGAAG  
CTTTTCGAATGAATGAATGTGGAAAATCATTTAGCCAGAAGGAAAACCTCCTTACGCACAGAAAATTC  
ACACTGGAGAAAACCTTTTGAGTGTAAAGATTGCGGGAAAAGCTTTCATTGAGAAGTCAAACCTCATCAG  
ACACCAGAGAACTCACACAGGAGAGAAGCCCTTTGTATGTAAGGAGTGTGGAAAACCTTCAGTGGCAA  
TCCAACCTTACTGAGCATGAGAAAATCCATATTGGAGAGAAGCCCTTTAAATGTAGTGAATGTGGAACAG  
CCTTTGGCCAGAAGAAGTACCTCATAAAACATCAGAACATTCACACTGGAGAGAAAACCTATGAATGTAA  
CGAATGTGGAAAAGCCTTCTCTCAGCGAACATCACTTATTGTACATGTGAGGATTCATTCAGGTGATAAA  
CCTTACGAATGCAATGTTTGTGGAAAAGCCTTCTCTCAGAGCTCATCTCACTGTGCATGTGAGAAGCC  
ATACAGGGGAGAAGCCCTATGGTTGTAATGAATGTGGAAAAGCTTCTCTCAGTTCTCAACCTTGTCT  
GCATTTGAGAATACACACAGGTAAGAAGCCTTATCAGTGCAGTGAATGTGGAAAAGCTTTCAGCCAGAAG  
TCACACCACATTAGACACCAGAAAATTCATACTCAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC224719 representing NM\_001099638  
Red=Cloning site Green=Tags(s)

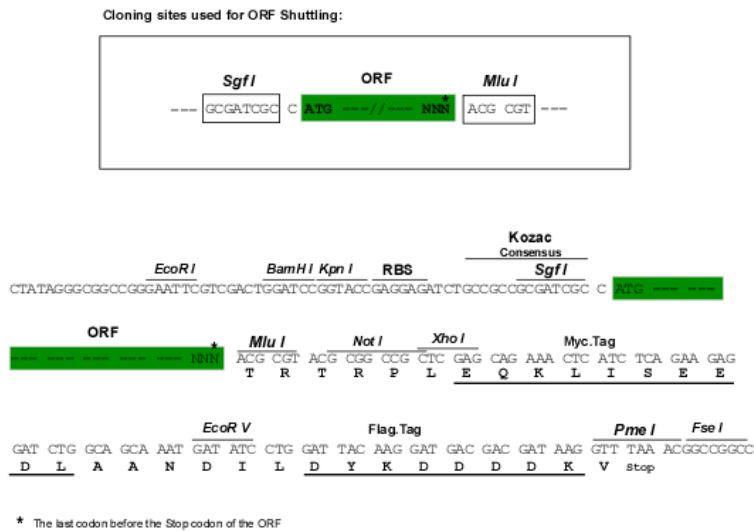
MSHLSQQKIYSGENPFACKVCGKVFSHKSNLTEHEHFHTREKPFECNECGKAFSQKQYVIKHQNTHTGKELFECNECGKSFSSQKENLLTHQKIHTGEKPFECDCGKAFIQKSNLIRHQRTHTGEKPFVCKECCGKTFSGKSNLTEHEKIHIGEKPFKCSECGTAFGQKKYL IKHQNIHTGEKPYECNECGKAFSQRSLIVHVRIHSGDKPYECNVCGKAFSQSSSLTVHVRSHTEKPYGCNECGKAFSQFSTLALHLRIHTGKKPYQCSECGKAFSQKSHHIRHQKIHTH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

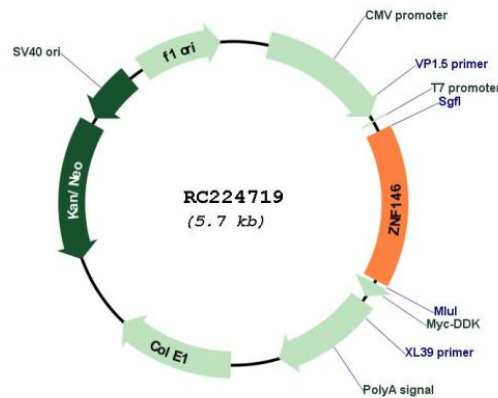
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001099638

**ORF Size:** 876 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	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_001099638.1</a> , <a href="#">NP_001093108.1</a>
<b>RefSeq Size:</b>	3806 bp
<b>RefSeq ORF:</b>	879 bp
<b>Locus ID:</b>	7705
<b>UniProt ID:</b>	<a href="#">Q15072</a>
<b>Cytogenetics:</b>	19q13.12
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	33.1 kDa