

## Product datasheet for **RC237786**

### ZNF596 (NM\_001287399) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF596 (NM_001287399) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF596
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237786 representing NM_001287399 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGAACGAAACACTTTGTAAGCAAAAAGTTGGAAAACTTCAGTGACTGGTTATCCTTTAATCAAC  
ACAAGGAAATTCACACCAATGTAATCATATGGAAGTCATCTATTTGATTATGCCTTTATCCAAAATC  
TGCCCTTAGACCACACAGTGTGACTCACACTAGAGAGATAACATTGGAATGTCGTGTGTGGGAAAAC  
TTTAGCAAAAATTCTAATCTTAGGCGACATGAGATGATTCACACTGGAGAGAAAACACACGGATGTCATC  
TATGTGGGAAAGCCTTTACTCATTGCTCTGATCTTCGAAAACATGAGAGAACTCACACTGGAGAGAAGCC  
ATATGGATGTCATCTATGTGGGAAAGCCTTCAGTAAAAGTTCTAACCTTAGACGACATGAGATGATTAC  
ACTAGAGAAAAAGCACAGATATGCCATCTATGTGGGAAAGCCTTCACTCATTGCTCTGACCTTAGAAAAAC  
ATGAGAGAACTCACTTAGGAGATAAACCATATGGATGTCTCCTATGTGGGAAAGCCTTTCAGTAAATGTTT  
TTACCTTAGACAACATGAAAGAACTCACAATGGAGAGAAACCATATGAATGTCATCTATGTGGAAAAGCC  
TTCTCTCATTGTTCTCACCTTAGACAACATGAGCGAAGTCACAATGGAGAGAAACCATGGATGTCATC  
TATGTGGGAAAGCATTCACTGAATCTTCTGTGCTTAAACGACATGAGAGAATTCACACTGGAGAGAAAAC  
ATATGAGTGCCATGTATGTGGGAAAGCCTTCACTGAATCTTCTGACCTCAGACGACATGAGAGAACTCAC  
ACTGGAGAAAAACCATATGAATGCCATCTATGCGGAAAAGCCTTCAATCACTCTTCTGTCCTTAGACGAC  
ATGAGAGAACTCACACTGGAGAGAAAACCATATGAATGCAATATATGTGGTAAAGCCTTCAATAGAAGTTA  
CACTTTAGACTTCATAGAAGAGTTCACTGGAGAGAAAACCATATGTATGTCCTCTATGTGGGAAAAGCC  
TTTAGTAAATTTTTAACCTTAGACAACATGAGAGAACTCACACTAAAAAGCAATGAATATG

**ACGCGT**ACGCGGCGCCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC237786 representing NM\_001287399  
Red=Cloning site Green=Tags(s)

MRTKHFVSKKFGKIFSDWLSFNQHQEIHTKCKSYGSHLFDYAFIQNSALRPHSVTHTREITLECRVCGKT  
 FSKNSNLRRHEMIHTGEKPHGCHLGGKAFTHCSDLRKHRTHTGEKPYGCHLGGKAFSKSSNLRRHEMIH  
 TREKAQIICHLGGKAFTHCSDLRKHRTHTLGDKPYGCLLGGKAFSKCSYLRQHERTHNGEKPYECHLGGKA  
 FSHCSHLRQHERSHNGEKPHGCHLGGKAFTESSVLKRHERIHTGEKPYECHVCGKAFTESSDLRRHERTH  
 TGEKPYECHLGGKAFNHSSVLRHERHTHTGEKPYECNICGKAFNRSYNFRLHRRVHTGEKPYVPCPLGGKA  
 FSKFFNLRQHRTHTKKAMNM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

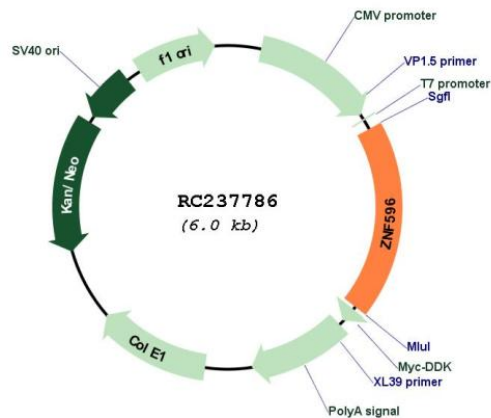
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_001287399

<b>ORF Size:</b>	1113 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_001287399.1</a> , <a href="#">NP_001274328.1</a>
<b>RefSeq Size:</b>	2779 bp
<b>RefSeq ORF:</b>	1116 bp
<b>Locus ID:</b>	169270
<b>UniProt ID:</b>	<a href="#">Q8TC21</a>
<b>Cytogenetics:</b>	8p23.3
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>MW:</b>	43.7 kDa
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]