

## Product datasheet for **RC219105**

### **ZNF777 (NM\_015694) Human Tagged ORF Clone**

#### **Product data:**

|                           |                                           |
|---------------------------|-------------------------------------------|
| Product Type:             | Expression Plasmids                       |
| Product Name:             | ZNF777 (NM_015694) Human Tagged ORF Clone |
| Tag:                      | Myc-DDK                                   |
| Symbol:                   | ZNF777                                    |
| Mammalian Cell Selection: | Neomycin                                  |
| Vector:                   | pCMV6-Entry (PS100001)                    |
| E. coli Selection:        | Kanamycin (25 ug/mL)                      |



[View online »](#)

**ORF Nucleotide  
Sequence:**

>RC219105 representing NM\_015694  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**

ATGGAGAACCAACGCTCATCACCTCTGTCGTTCCCAAGTGTCCACAAGAAGAAACCTTACGTACAGCCC  
 CTGCTGGACTCCCCGAGAACTCTGTTCCAATCCCGCTTCTTCTCCAAAGAAATTCCTTCTTTGTC  
 TCCACCATTCCTCCGTCAGGCTCCCTGCCCAAATTCAGTGTCCCAAGCAAGAGACTTCTGGCCGG  
 ATGCCACATGTGCTCCAGAAGGGACCCTCACTCTGTGTTCTGCCGCTTCTGAGCAAGAGACTTCTCTCC  
 AGGGCCCCCTGGCTTCCAGGAAGGGACCCAGTATCCACCCCAAGCTGCTGCTGAACAAGAAGTCTCCCT  
 TCTCTCCCACTCCCCCACCACCAGGAAGCCCCGTTCACTCCCTGAAGCTCCTGAGAAAGACCCCTG  
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 CTTCCAGGACTCAGAGCTGGGTGACCCCTGTGGGGAACAGCCAGACCTGGACATGCAGGAGCCAGAGAAC  
 ACGCTGGAGGAGTCCACGGAAGGCTCCAGCGAGTTCAGCGAACTGAAGCAGATGCTGGTGCAGCAGAGGA  
 ACTGCACGGAGGGATCGTGATCAAGACAGAGGAACAAGACGAGGAGGAAGAAGAGGAGGAGGATGA  
 GCTGCCGAGCACTTGCAATCCCTTGGGAGCTGTCCGGGAGATATGAGGCCAGTATGTACCAGACCCCG  
 CTGCCCCGGGAGATGTCCCCGAGGGCGAGGAGAGCCCCCGCCCTGCAGCTAGGAAACCCGCACTGA  
 AAAGGCTGGCGCCCTCCGTGCACGGTGAGCGGCACCTGAGCGAGAACCAGCGGGGCTCGAGCCAGCAGCA  
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 GGCACAAGCAACAGCTCACGCTGCACCAGCGCATCCACCGCGTGCAGGAGGCTGCGTCTACCCGAACG  
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 TGGAGCACGAGCGCGCACACGGGCGAGCGGCCCTACCCCTGCACGCACTGCGCCAAGTCTTCCGCTA  
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**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC219105 representing NM\_015694  
 Red=Cloning site Green=Tags(s)

```
MENQRSSPLSFPSVPQEETLRQAPAGLPRETFLQSRVLPPEIPSLSPTIPRQGSPLQTSSAPKQETSGR
MPHVLQKGPSLLCSAASEQETSLQGPLASQEGTQYPPAAAEQEVSLLSHSPHHQEAPVHSPEAPEKDPL
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GRTGTNEKKIADCEKTAVEFANHLESKWVVLGTLLQEYGLLQRRLENMENLLKNRNFWILRLPPGSNGEV
PKVPVTFDDVAVHFSEQEWGNLSEWQKELYKNVMRGNYESLVSMDYAISKPDLMQMERGERPTMQEQED
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TLEESTEGSSEFSELKQMLVQQRNCTEGIVIKTEEQDEEEEEEEDELPQHLQSLGQLSGRYEASMYQTP
LPGEMSPEGEESPPPLQLGNPAVKRLAPSVHGERHLSENRGASSQQQRNRRGERPFTCMCEGKSFRKIN
LIIHQRNHIKEGPYECACEISFRHKQQLTLHQRIHRVRGGCVSPERGPTFNPKHALKPRPKSPSSGSGG
GGPKPYKCPECDSSFHKSSLTKHQIHTGERPYTCPECKKSFRHLISLVIHQRVHAGKHEVSFICSLCG
KSFSRPSHLLRHQRTHTGERPFKCPECEKSFSEKSKLTNCRVHSRERPHACPECGKSFIRKHHLLEHRR
IHTGERPYHCAECGRFTQKHLLLEHQRAHTGERPYPCTHCAKCFRYKQSLKYHLRTHTGE
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8022\\_a02.zip](https://cdn.origene.com/chromatograms/mk8022_a02.zip)

**Restriction Sites:** Sgfi-MluI

Cloning Scheme:



ACCN: NM\_015694

ORF Size: 2493 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_015694.3](#)

**RefSeq Size:** 3125 bp

**RefSeq ORF:** 2496 bp

**Locus ID:** 27153

**UniProt ID:** [Q9ULD5](#)

**Cytogenetics:** 7q36.1

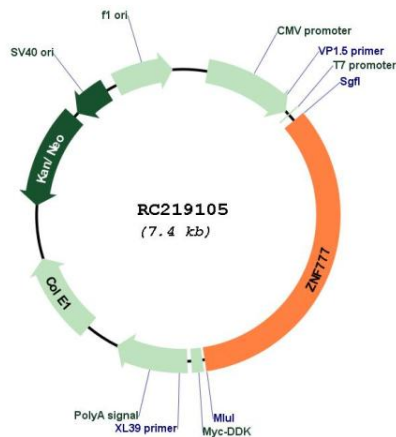
**Domains:** KRAB, zf-C2H2

**Protein Families:** Transcription Factors

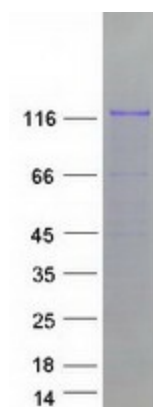
**MW:** 93.6 kDa

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for RC219105



Coomassie blue staining of purified ZNF777 protein (Cat# [TP319105]). The protein was produced from HEK293T cells transfected with ZNF777 cDNA clone (Cat# RC219105) using MegaTran 2.0 (Cat# [TT210002]).