

## Product datasheet for **VC101069**

### Capsid triplex subunit 2 (NC\_009334) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Capsid triplex subunit 2 (NC_009334) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Capsid triplex subunit 2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101069 represents NCBI reference of YP_001129492 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACCTGAAGGTGGTGGTCTCTCTCCAGCAGGCTGTATACCGACGAAATCGCTAAAATGCAGCAAC  
GGATTGGCTGTATCCTCCCACTTGCCTCAACACACGGCACACAAAATGTACAGGGGCTCGGCTTGGGCCA  
GGTGTATAGCCTGGAAACCGTGCCTGATTACGTCTCAATGTATAACTACCTGTCCGACTGCACCCCTGGCC  
GTGCTCGACGAAGTGTCTGTGGACAGTCTCATCTTGACTAAAATTTGCCAGGTGACACATATGCCATTA  
AAAATAAATACCAGCCTTTTTTCCAGTGGCACGGAACCGGCTCTCTGAGCGTCATGCCGCCGTTTTTGG  
ACGCGAGCATGCCACTGTGAAACTCGAGTCTAACGACGTCGACATTGTGTTCCCATGGTCTTCCAACA  
CCAATAGCTGAGGAGGTGCTGCAGAAAATCTTCTGTTAATGTCTACTCCCGCTTGTGCATGCAGGCC  
CAGGCAACGCGGACATGCTGGACGTGCATATGCATTTGGGCTCAGTCTCTATTTGGGTCACTACTCGA  
GTTGGCACTGCCTGAAGTCCAGGTCCGCTGGGACTGGCCCTGCTCGACAACTTGTCACTCTATTTTTGT  
ATCATGGTCACCCTGTTGCCACGGGCTAGTATGCGGCTCGTGCAGGCTTGATCCGCCACGAACACTACG  
ATCTCCTGAATCTTTTTCAGGAGATGGTGCCTGACGAGATCGCTCGGATAGACCTGGATGACCTGAGTGT  
CGCAGATGATCTGAGTAGAATGAGGGTGTGATGACCTACTTGCAGTCTCTGGCCAGCCTTTTCAACCTC  
GGCCAAGATTGGCAACTGCAGCGTATTCCAGGAAACCTGACTGCCACATGCTGGCTCCGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >VC101069 representing YP\_001129492  
 Red=Cloning sites Green=Tags

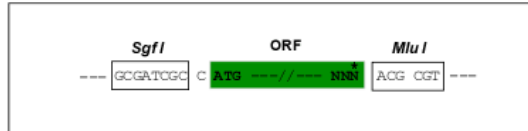
MDLKVVVSLSSRLYTDEIAKMQQRIGCILPLASTHGTQNVQGLGLQVVSLETVPDYVSMYNYLSDCTLA  
 VLDEVSVDLILTKIVPGQTYAIKNKYQFFQWHGTGSLVMPVPVFGREHATVKLESNDVDIVFPMVLPT  
 PIAEEVLQKILLFNVYSRVVMQAPGNADMLDVHMHLSVSYLGHYELALPEVPGPLGLALLDNLSTLYFC  
 IMVTLLPRASMLRVRGLIRHEHYDLLNLFQEMVPDEIARIDLDDLSVADDLSRMRVMNTYLQSLASLFLN  
 GPRLATAAYSQETLTATCWLR

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NC\_009334

**ORF Size:** 903 bp

**OTI Disclaimer:** The molecular sequence of this clone can be viewed by clicking the "ORF Nucleotide Sequence" link above. This sequence represents the NCBI reference after codon optimization for human cell expression, and retaining the same decoded protein sequence. The stop codon in the native sequence was removed to create the in-frame c-terminal fusion with a Myc-DDK tag.

**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.

RefSeq: [NC\\_009334.1](#), [YP\\_001129492](#)  
RefSeq ORF: 903 bp  
Locus ID: 5176192  
MW: 33.7 kDa