

## Product datasheet for **VC101651**

### ORF18 (NC\_009333) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ORF18 (NC_009333) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ORF18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101651 represents NCBI reference of YP_001129371 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGCTGGGAAAGTACGTATGCGAAACAGAGCCTCTGTCCCCGGATTGCGCAGACTGATGTGGCGCTTTC  
TGCAGAATAAGAATTTGAACACCTTCCACGCACAAGAGCTGCGATTTATCCACCTCGTCTGTGTAAGAT  
GTATAACTTCGGATTGAATGTCTACCTGTGCGGAGGCCACGGCGAATGCTGGGACCTATGACGAAGTC  
GTTCTCGGTAGAAAGTTCTCTGCTGAAGTATGGAAGCTGGTCTACGACGGCCTGGAGGAGATGGCGTGT  
CATCCGAAATGCTGCTGTGCGAGGCCTACAGAGATTCCTGTGGATGCATCTGAACGACAAGGTCGGCCT  
GCTGCGCGGCCTTGCTAATTATCTGTTCCACAGGTTGGCGTAACTCATGACGTGAGAATCGCACCTGAG  
AACCTGGTGGATGGAACTTCTTTTCAACCTGGGATCAGTGCTGCCCTGTGCGCTCCTTCTGGCTGCGG  
GATACTGTTTGGCTTTCTGGGAAGCGATGAACATGAGAGATGGGTAAGGTTCTTTGCACAGAACTTTT  
CATCTGTTACCTGATCGTTTCAGGCCGCTGATGCCACAACGGTCTCTCCTCGTATGGGCCACGGAACT  
GGTTACCCTGGCCCCGTAGAAGCGGTGTGCCGAGATATTCGCTCCATGTATGGAATCCGGACATATGCTG  
TCTCTGGCTATTTGCCTGCTCCATCTGAGGCCAGTTGGCATATCTTGGAGCTTTTAATAACAATGCTGT  
G

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >VC101651 representing YP\_001129371

Red=Cloning sites Green=Tags

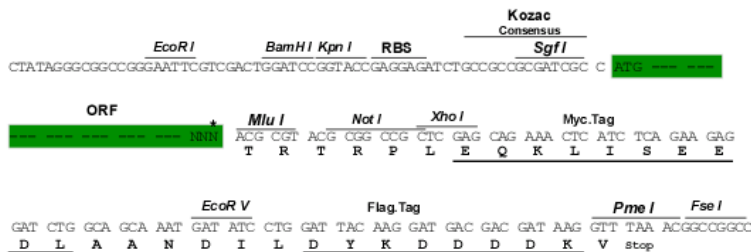
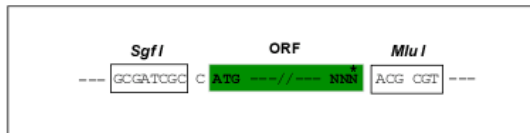
MLGKYVCETEPLSPGLRRLMWRFLQNKLNLFHAQELRFIHLVLCCKMYNFGLVNLYLLREATANAGTYDEV  
 VLGKVPAAEVWKLVDGLEEMGVSSSEMLLCEAYRDSLWMHLNDKVGLLRGLANYLFHRLGVTHDVRIAPE  
 NLVDGNFLFNLSVLPKRLLLAAGYCLAFWGSDEHERWVRFFAQKLFICYLIVSGRLMPQRSLLVWASET  
 GYPGPVEAVCRDIRSMYGIRTYAVSGYLPAPSEAQLAYLGFANNNAV

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\_009333

**ORF Size:** 771 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\\_009333.1](#), [YP\\_001129371](#)  
RefSeq ORF: 771 bp  
Locus ID: 4961499  
UniProt ID: [Q2HR82](#)  
MW: 29.3 kDa