

## Product datasheet for **VC102351**

### ORF061L (NC\_003494) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ORF061L (NC_003494) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ORF061L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102351 represents NCBI reference of NP_612283 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGGCCAGTCTGCTCAGCTGTCACTAATACTGTAATCTCAAATTGAAACGGTACGGGGCTGATACCC  
TGCAGTTGTATATGTTCACTTGAGACAGCCCGGTAATTGTGCAATATGACTACGGGGCACACAGA  
TCAGCTGGACGTTTATAAGACCATAGTCTATCGGGTTTACGATCAAACAATGGACCTACGAAGAGGAG  
TTCAGAGTCGCTTTGTTAATAACAACCCCTCCCATGCCAGAGCACCCGCTCCACAACAACAGCCCT  
GTGGCGATGACAAAAGAATCAGACGGTATGTAGACCAGCTGCATTCTTATCTACCTGTACCAGGGCGT  
GACCAACAGCAAGTTTCCTGTGCACATCCCTAATAGTGTCTGGTGAACATCAGAGACCACTTGCAGAAA  
TATCGAATAAAAGAAGCCGATGTGACACTTCAGCAGGTGCTCAGTATCCTGAAAGTTAACAAGCAGGTAA  
AGTATTACGATTATGCGACCATCATCTACCGAATGCTTACCGGTAAGCGGAAGTACTCCCCCGACGT  
TGTGCGCCCGCTGCAGGCGGATATTGTCGGCTCGCAGACGCCCATGGCTTCCCCGGACATATGGACC  
CTTTGTACGCAAGCCGGCGGACCTACGTGTTCTCCAGTTGTTGCGCCACAACGGCTACGAGTAACT  
GTCATACCTTCATGCAGGCGAAGACGCTGAGCAAGAAGCAAAGCCAGGACGTAGCCTGCAATGCCCTCTG  
CGACAGAATGTCATGGACCTTTGGCCCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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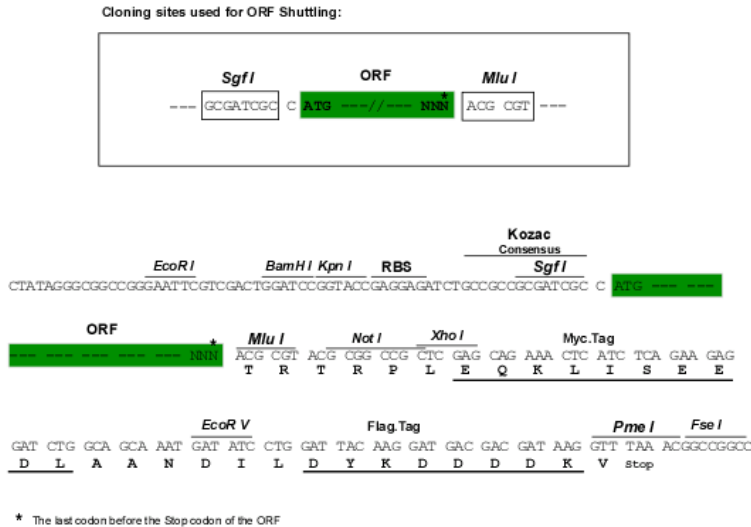
**Protein Sequence:** >VC102351 representing NP\_612283  
Red=Cloning sites Green=Tags

MRPSLLSCHNYVISKLKRYGADTLQLYMFILETAPVIVQYMTTGHDTQLDVKYKIVYRVYDQNKWTYEEE  
 FRVALFNTTPPHAQSTPPPQQPCGDDKRIRRYVDQLHSYIYLQGVNTSKFPVHIPNSVLVNI RDHLQK  
 YRIKEADVTLQQVLSILKVNKHVKYDYATIIRMLTGKAEVLPDVAQADIVRLADAAMASPDIIWT  
 LCTQAGATYVFFQLLRHNGYEYNCHTFMQAKTLSKKQSQDVACNALCDRMSWTFWPL

TRRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_003494

**ORF Size:** 801 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\_003494.1, NP\_612283  
RefSeq ORF: 801 bp  
Locus ID: 935342  
MW: 31.0 kDa