

## Product datasheet for **VC102358**

### ORF068L (NC\_003494) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ORF068L (NC_003494) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ORF068L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>The Viral ORF clone VC102358 represents NCBI reference of NP\_612290 with codon optimized for human cell expression  
**Red**=Cloning site **Blue**=ORF **Green**=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTTTCGACATACAGGAGGTCTACGACCTGCTGCTGAGCGGACAATCTCTGGAGAGATGGTGCGCCCAGC  
 ATCGGATGCATATTGCTGACTGTGTGCACGCAAGTATTGCCTATGCTGCCCGACGATAGGAGCGTTGTTGA  
 GGTTATGAAACTGGGCGTAATAGATTATGACCCTTTTGTTCATGCTGGCAAGACACCCCCACGCTATGTAT  
 ATGTGCATAGTCGCCGAATTCTCGATACGAGCGGGTACGCCATCACGTAAGGGATGGTATGAACGTGA  
 TACAAGCCCTGGCCGGCGCAATGCAGCTTGATACACTGCTGGCGGTTGCTTCCTTCGACTGGTACATGGT  
 CACCTCAGATGGTCTGATGTTGCCAGACATCGCCCTGAGAGCCGGAGGTTGCTACGTGACGATCGTCAAT  
 TTCTTCGAAGAGCACATCGCCCCAAACATGTTTGTGCCACAATGGTATGACCCTGCTGAACATATTG  
 TGCACACATGGCCTCAGCCAGCCCTGGTGTACATTGCGACAGAGGGGACTGTTTCATGTAACCGCAGCTGA  
 TTTGGTCTATATGATTGTGAGGGGCATGACAGCTGCGGTTGGTAGCACTGGCCCCACAGTTTGATATCACC  
 TCAGCCCCACGTGGACGATAAACTGCTGGTTCATCACATGGCAACAGCCTGGTTCATCCGAGTACATGTCTG  
 TCTTTAATGCGTATGATATCCAGACACTGAATGAGGCACTTCATATAACAGCCTGACTCTGGTTGACTT  
 TATACTTACTGGATGGGTGCCACAGCAGGTCTGGCGTACTATATTCCAAAAGAATACTGGCCCGTGGAG  
 CAGCTGATGTCTACATTGTCAGCCACGTGCGGCTGCTGGACCTGAGCGATGATGGGATTTACAGGCTGC  
 TGAACGTGTTGCAGTGCATGTGCATATCATGATGCATACAGGCTATAAACCAGATGCTGATGTGCCAGT  
 AGCTATGGCATACTTGTGACTTTTCTTCTTATCGGGTGAATACGAGGCCTGTGCCATGCCACCCTTG  
 AATGCAACAGCTGAACAACCTGGCTGCTCATTTTGCCGAGTGCATACGATGGACTGGACGCCACGCTGG  
 CTGCACTGTACGAGAGGGCTCCAGCATTGGAGACCTACGCTGAGGACGTCGCGCTCTTGTAACTGATTA  
 TGACCTCTTCTGACGTTTCATAGCCGAGCTTCAACATGAACTGATGCAGTGCCTCTACGCAATGGCCGCG  
 CTTGGCGTGCACCCGGGAAAGTCTTCTTCGACATCGTGCGCCCGACAGCAGACTCGCGAAAGTCTTCG  
 CCAACACTCTGAAGCAGATTATCCAGCGGCAGCATATGCAGCTGATCGAGCAACACGTGCGCGATAATCC  
 GCAGGACGCTATTGTGATGGGCATCGACATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC102358 representing NP\_612290  
**Red**=Cloning sites **Green**=Tags

MFDIQEVYDLLLLSGQSLERWCAQHRMHIADCVHAVLPMLPDDRSVVEVMKLGVIDYDPFVMLARHPHAMY  
 MCIVAGILDTSGYAHHRDGMNVIQALAGAMQLDTLLAVASFDWYMTSDGLMLPDIALRAGGCYVTIVN  
 FFEHHIAPNMFVPQLGMTVAEHIVHTWPQALVYIATEGTVHVTAADLVYIMIVRGMTAAVVALAPQFDIT  
 SAHVDDKLLVHHMATAWSSEYMSVFNAYDIQTLNEATSYNSLTLVDFILTGWVPQQVLAYYIPKEYWPVE  
 QLMSTLSAHVRLDLSDDGIYRLLNVLQCMCHIMMHTGYKPDADVPVAMAYLLTFLSYRVNTRPVPMPPL  
 NATAEQLAAHFAAVSYDGLDATLAALYERAPALETYAEDVRALVTDYDLFLTFIAELQHELMQCLYAMAA  
 LGVRPGKVFVFDIVRPSRLAKVFANTLKQIIQRQHMQLIEQHVRDNPQDAIVMGIDI

**TR**TRRLE**QKL**ISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NC\_003494

**ORF Size:** 1431 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\\_612290](#)

**RefSeq ORF:** 1431 bp

**Locus ID:** 935408

**MW:** 53.5 kDa