

## Product datasheet for **VC102355**

### ORF065L (NC\_003494) Virus Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ORF065L (NC\_003494) Virus Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** ORF065L  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >The Viral ORF clone VC102355 represents NCBI reference of NP\_612287 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCTACCGGGAGCTCAGCTGAGTACGTCGTGCATGGAGTTGCTCCGACGAACGTTGCACAGCAGGTCA  
 AGCCACAGCAGCGCCGGTGCTGTTTCAGTGTTCCGTGTGCCTCGACTCAGCCAGGGACGTAGCTGTCAC  
 ACCCTGTGGTCACGTTTTCTGCTACCAAGTGCACATGCAATGTGCCGAGAGGCGGAGATGTACCGGTGT  
 GCGGTCTGCAGAGCGGAAGTGCAGTGTCTCAGGTGCGCACACGGATGCCTGTTCTGAATGCCATGATAA  
 CAGAGGCTATTGCCTATGCTGAGAGAAATAATGTGGCTGCCCTTAGTGATGTACGGGCCATGCTCCCTTG  
 TGTGATGGCTATGATGGCTACAGTCCAGCAACAGGTTGGAGTCGAGAAGGTGGGGTAGTTCGGCTCATG  
 CAGGATCTGATGGCCATATACTCGATCATATTAAGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >VC102355 representing NP\_612287  
 Red=Cloning sites Green=Tags

MPTGSSAEYVVHGVAPTNAQQVKPQQRVLFQCSVCLDSARDVAVTPCGHVFCYQCHMQCAERRSMYRC  
 AVCRAEVRVSVRTRMPVLANMITEAIIYAERNNVAALSDVRAMLPCVMAMMATVQQQVGVKVVVRLM  
 QDLMAHILDHIKE

**TRTRRLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NC\_003494

**ORF Size:** 459 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\\_612287](#)

**RefSeq ORF:** 459 bp

**Locus ID:** 935347

**MW:** 17.0 kDa