

## Product datasheet for **VC102305**

### ORF015R (NC\_003494) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ORF015R (NC_003494) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ORF015R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102305 represents NCBI reference of NP_612237 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGTTTACTCAAGAGCAGGTGGACAACTGAAGCAGATAGAAGAACAGGTAAGATACTACCGCACGGCCA  
AGGGTCTTAATGGGCTCCGATGCCTACAAGCCAGCAGAGCGGTACATAGATAGGGTCGTCTCCATGCT  
GGGTTTCGACAAAGACCCAAAGTTGGCGCCGAATGGTCGACGTGATTATGCTATGTTGTCTACACCC  
AGGGATGCCACTAGGCCAAGAACTCCAAGGGGTGGGCCGTTCTTAGTGACGCCACGAAAAGTCCGTGG  
CGCCGATTCGAGCAAACATCCAAGCTGTCGTGGGGCCTGCACTTGATGCCGCAAAGCACGAGCTGGC  
CAAGCTTGTTTTGACAAATCTACTAAAGGAATATCGCCGCAAGAGTAATAAGATTTGTGCGCACCTGC  
GATGCTACCCTGGAATATGTTGACGACGACAATAAGAAGCTGATAGTCGATGTGCTGAAAAGGCATGACC  
TGCGGAGGGATTGGAGCACAGTTTATACCATGGACTTTAACACGTGCCATTACGTTCCGAGAGTGACACGC  
CGATGGCGGACAGGTCGGCTCGCACCTGTGGCAGGTGTCGAACCAATTGCTTTCGTGAGAGGGAGGTAT  
TACTTGCTGAGGCGGAGAGACAAGCACTTTCGATACTGGAAGGAATGCCGCTGCCTGGCCCGACTGGCAG  
AGCTACCGGAGCTCCTGCCTCTCAGTGGCGAGCTGCTGTTTCGAGCAATCGGCACGCCCTTGATTAGCGA  
TATCGACCTCTTTGCGATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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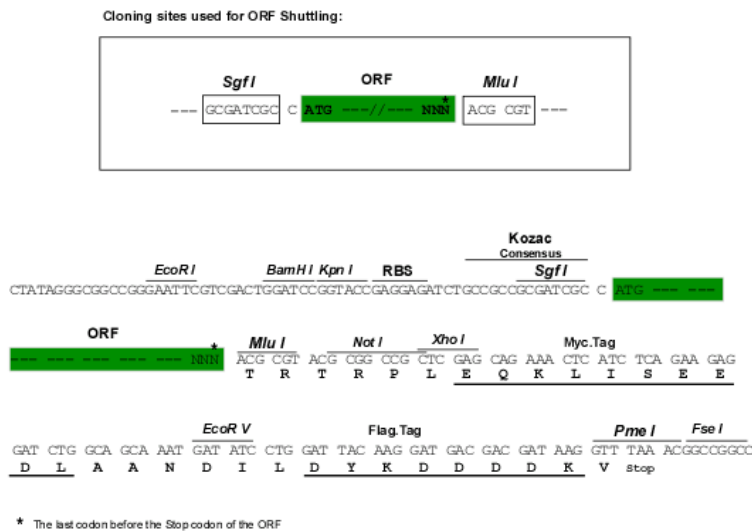
**Protein Sequence:** >VC102305 representing NP\_612237  
 Red=Cloning sites Green=Tags

MFTQEVDKDKQIEEQVRYRYRTAKGLNGLPMPPTSQQSVYIDRVVSM LGFDKDPKVGARMVDVIMSM LSTP  
 RDATRPRTPRGWAVLSDATEKSVAAVFEQNIQAVVGPALDAAKHELAKLVFDKSTKGNIAARVIRFVRTC  
 DATLEYVDDDNKKLIVDLKRHDLRRDWSVYTMDFNTCHYVRRVHADGGQVRLAPVAGVEPIAFVRGRY  
 YLLRRRDKHFRYWKECRCLARLAELTGAPASQWRAAVRAIGTPLISDIDLFAI

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_003494

**ORF Size:** 789 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\_612237  
RefSeq ORF: 789 bp  
Locus ID: 935399  
MW: 29.9 kDa