

Product datasheet for **VC102233**

putative E2 protein (NC_001655) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	putative E2 protein (NC_001655) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	putative E2 protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102233 represents NCBI reference of NP_757354 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGACTTCTGGGAACCCATCCGAGTGCCAACCGGTTGTTCCATAGCTGAATTCTGTAGTCCACTGATGA
 TTCCATGTCCTGCCACAGTTATCTGAGTGAAAACGTTTCTGAAGTAATTTGTTACAGCCCCAAATGGAC
 CCGCCCCATTACCCTGGAATATAACAACAGTATCTCATGGTACCCATACACGATTCCTGGTGCCAGGGGC
 TGTATGGTTAAGTTTAAGAATAATACTTGGGGGTGTTGCAGGATTCGGAATGTCCTTCTTATTGTACAA
 TGGGCACTGACGCGGTGTGGAACGACACTCGAAATACTTATGAGGCATGCGGAGTGACACCCTGGCTGAC
 AACAGCTTGGCACAATGGAAGCGCACTCAAGCTGGCAATTCTCCAGTATCCGGGGTCCAAAGAAATGTTT
 AAACCGCATAACTGGATGAGCGGACACCTCTACTTCGAGGGATCCGATACCCCCATTGTATACTTCTATG
 ACCCAGTGAATAGCACATTGCTCCCTCCCGAGAGATGGGCTCGGCTGCCCGGAACCCCGCTGTTGTCAG
 AGGTTCTTGGCTTCAGGTGCCCCAGGGCTTCTATTCCGACGTCAAGGACCTGGCCACTGGATTGATCACG
 AAGGACAAGGCCTGGAATAATTCAAGTCCTCTATAGTGAACCGGCGCTCTCCCTCACAGGTGTTA
 CTACCAAAGCCGTCGTTCTGATCCTCCTGGGCTGTGCGGCAGCAAATATCTTATCCTGGCGTACCTCTG
 TTACCTTAGCCTCTGCTTCGGCCGGGCTAGCGGCTATCCCTCAGACCCGTTCTTCCATCCAGTCTAC
 CTGCAGGCAGGATGGGACGTAAGGCTCAGGTGGCGCCTTTCGCCCTGATTTTCTTCATTTGCT
 GTTACCTGCGCTGCCGTTGAGATACGCTGCCCTGCTGGGATTTGTACCAATGGCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


[View online »](#)

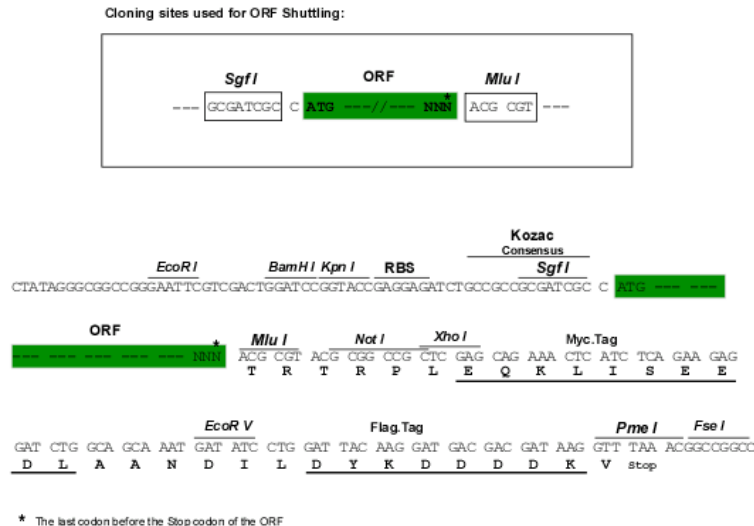
Protein Sequence: >VC102233 representing NP_757354
 Red=Cloning sites Green=Tags

MTSGNPIRVPTGCSIAEFCSPLMIPCCHSYLSENVSEVICYSPKWTRPITLEYNNISWYPYTIPGARG
 CMVKFKNNTWGCCRIRNVPSYCTMGTDVWNDTRNTYEACGVTPWLTTAWHNGSALKLAILQYPGSKEMF
 KPHNWMSGHLYFEGSDTPIVYFYDPVNSTLLPPERWARLPGTPPVVRGSWLQVPQGFYSDVKDLATGLIT
 KDKAWKNYQVLYSATGALSLTGVTTKAVVLILLGLCGSKYLILAYLCYLSLCFGRASGYPLRPVLPSSQSY
 LQAGWDVLSKAQVAPFALIFFICCYLRCLRYAALLGFVPMMA

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001655

ORF Size: 969 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_001655.1, NP_757354
RefSeq ORF: 969 bp
MW: 36.0 kDa