

Product datasheet for **VC102232**

putative E1 protein (NC_001655) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	putative E1 protein (NC_001655) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	putative E1 protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102232 represents NCBI reference of NP_757353 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCGCGTGACCGATCCTGACACTAACTACCATTTTGACCAACTGTTGCCAACGCAATCAGGTAA
TTTACTGCTCTCCATCAACATGCCTCCATGAACCAGGCTGCGTAATTTGCGCAGATGAGTGTGGGTGCC
CGGAACCCGTATATCTCTCATCCGTCTAACTGGACCGGGACCGACAGTTTTCTCGTGACCACATTGAT
TTCGTGATGGGAGCTCTCGTCACATGCGACGCCCTTGACATCGGGAACTCTGTGGAGCTTGTGTGCTCG
TCGGGGACTGGCTGGTGCAGCACTGGCTGATTCATATTGATCTCAACGAGACTGGCACCTGCTATCTGGA
AGTGCCGACCGGAATTGACCCAGGGTTCCTCGGATTTATTGGCTGGATGGCAGGAAAGGTTGAGGCAGTC
ATCTTCTCACCAAGCTCGCATCTCAGGTGCCATACGCAATCGCTACCATGTTCTCTTGTGCATTATC
TCGCCGTCGGAGCATTGATCTACTATGCCTCACGAGGGAAGTGGTATCAACTGCTGCTTGTCTGATGCT
CTACATTGAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>VC102232 representing NP_757353 Red=Cloning sites Green=Tags
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MARVTDPTNTTILTNCCQRNQVIYCSPTCLHEPGCVICADECWVPANPYISHPSNWTGDSFLADHID
FVMGALVTCDALDIGELCGACVLVGDWLVRLHLIHIDLNETGTCYLEVPTGIDPGFLGFIGWMAGKVEAV
IFLTKLASQVPIAIATMFSSVHYLAVGALIYYASRGKQWYQLLLALMLYIEA

TRTRRLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001655

ORF Size: 573 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_757353](#)

RefSeq ORF: 573 bp

MW: 21.0 kDa