

Product datasheet for **VC101852**

HpV126gp3 (NC_016157) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HpV126gp3 (NC_016157) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HpV126gp3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101852 represents NCBI reference of YP_004934014 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCTGATCTGACCAAGGGCACCGACAAATTCATGTGAGCGGCAACTCTTGGCTCATTACGACGAGG
 CAGATTGTATAGATAGTATCGATACCTACGAAGAGCTCTTTGATCTGAGCCCAGAATGTTCCAACATTAG
 TAACCTCATCGATGATGACGTAGATGAGACGGACAGGGCAATAGCCTGGCCTTGTTTAATGAACAAGTG
 AATGAGGAGTGTAACCGCGCAATTGCAGAATTGAAACGCAAGTACAAAAAGAGTTCTACAGAACCACAG
 TCGCTGCTCTCTCCACGGTTGGAAGCCATTCCGATTTACCTGATCGGACTATCTCCAGCAAGCGAAG
 ACTCTTTGAGGAAGACTCAGGCATTATTGAGGATGAAGCAACCAACATCAGTGTGCAAGTCGAGACAGAG
 CACTCACACAACGGTGGAGAGAGGCTCTCCGTTGAAGCCGCTTGAAGGAAATTTTCTGTCTCAAATA
 AGAAGGCTAAACTCCTGTCTAAATTTGAAGACTTTTATGGTGTCCGTACAGCGAGATCACCCGGACGTT
 CAAGAGCGATAAGTCCACGTCTGAGAACTGGGTGGTCTCTGCTTTGCGCCCGCTACAGAGGTGATCGAA
 GGGAGTAAAGTGCTGTTGCAGCAACACTGCGAGTTTATTCAATGTATCTGCTTAAATTCAGCGTCTTGT
 ATCTGCTCCAGTTTAAGCACGCGAAGAACCAGAGAGACTGTCTGAAACTGTTCTGTTCACTGCTGAATGT
 TCAAGAGTTTCAGCTCATTTGTGATCCACCGAAGTCACGGTCAGTGGCTGCGGCCCTGTATTTTACAAA
 CAGGGTATCACCCAAACGTGTTAAATATGGGCAGCTGCCCACTTGGGTCGCCAAACTCACTCAGCTCA
 ATCACCAAATTGCCTCTCAGGCAGAGTCTTTGAGCTGAGCAAAATGGTGCAGTGGGCCATGACAATAA
 CGTAACAGAAGAATCCGCAATCGCATCTACTACGCCCTGCTCGCCGACGAGGACTCTAACGCAGCCGCT
 TTCCTGAAAAGTAATAACCAAGTCAAGTTTGTGAGGGACTGCTCATCAATGGTAAAGCTGACTTGCGGAC
 AGGAAATGAAGAATATGTCAATGGCGGAGTGGGTGTTTAAATGCTGCAGAGAGTGCAGAAAAGATGGGGA
 TTGGAAGGAAATAGCCAATCTGTTGAAGTTCAGAACGTGAATATTATTAGCTTTCTCACGGCTTTGCGC
 TTTATGTTCAAGGGGTGCCTAAGAAGCATTGCATCCTTATCTATGGGCCACCAGATACAGGTAAAGTT
 ACTTCTGTTACTCACTTGTGCTTCTGAGGGGCAAAGTAGTCTCTTTATGAATAAGTGTCTAATTT
 CTGGCTTCAACCGATGCTGGAGTGCAAGATCGGATTCCTGGACGACGCCACCCATCCCTGTTGGACTTTT
 ATCGATGTAAATATGAGAAACGCCCTGGACGGAACCTGCATCTGTATTGACGCCAAGCACAGAGCCCCC
 AGCAGTGCAAACCTCCCCCTTTTTTATCAGTCAAATATAGACCTGCATAAAGATGAGAGCCTCAAGTA
 CCTGCATAGTCGCATAACGAGCTTTGAATTTCTAACAAGTTGCCACTCGACAACGAGGGTAATCCTATC
 TATAAGCTGACAGATGCCACATGGAAGAGTTTTTCTGAAGCTGTCAAACAGTTGGATCTGCAAGAGG
 ATGTTGAAAATGAGCCCGAACGCCCTGAGAGGGCTTCCGCTGTACCGCAACAGGTGGATGATTCCAT
 T

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101852 representing YP_004934014
 Red=Cloning sites Green=Tags

MADLTKGTDKFNVSQNSWLHDEADCIDSIDTYEELFDLSPECSNISNLIDDDVDETDQGNLALFNEQV
 NEECNRAIAELKRKYKKSSTEPTVAALSPRLEAIRISPDRTISSKRRLFEEDSGIIEDEATNISVQVETE
 HSHNGGERLSVEAAKEIFLSSNKAKLLSKFEDFYGVYPYSEITRTFKSDKSTENWVVSFAAAATEVIE
 GSKVLLQQHCEFIQCICFNFSVLVLLQFKHAKNRETVLKLFCSSLNVQEFQLICDPPKRSVAAALYFYK
 QGITPNVFKYQGLPTWVAKLTQLNHQIASQAESFELSKMVQWAYDNNVTEESAIAIYYALLADEDSNAAA
 FLKSNNQVKFVRDCSSMVKLYLRQEMKNMSMAEWVFKCCRECEKGDWKEIANLLKFQNVNIIISFLTALR
 FMFKGVPKKHCHILYGPPTGKSYFCYSLVSLRGKVVSFMNKCNSFWLQPMLECKIGFLDDATHPCWTF
 IDVNMNRNALDGNICIDAKHRAPQCKLPPFFITSNIDLHKDESLKYLHSRITSFEFPNKLPLDNEGNPI
 YKLTDATWKSFFLKLKQLDLQEDVENEPERPERAFRCTANRVDDSI

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_016157

ORF Size: 1821 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_016157.1, YP_004934014](#)

RefSeq ORF: 1821 bp

Locus ID: 11294415

MW: 69.5 kDa