

Product datasheet for **VC101854**

HpV126gp5 (NC_016157) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HpV126gp5 (NC_016157) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HpV126gp5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101854 represents NCBI reference of YP_004934016 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGAAGATGAGCGGGATCAAGCTGAAGGAAAGCTTACTACTATGGATTGCTTCTGCCAAATTGGA
TGGGCTTGGAGACAATTTGTACTATCTTAAGAAGATGCTCTTGGACATGGAAAAGCTGGTGACGGCCT
CCTGATTATGACCATGAATAAATCTGCCACTCCTGCTGGCGCTGCCTGGGAGCCTGTTTCTGACACCC
AAGCGCACACCTCCTCCAGGCAATCTCCCTCCCCGAGTCCCCACCCTAAAAAGAAGACGACAGAGGAGG
AAAGGCTCGCCAGACGACGAGAGAGGCTCTGGCTCTCCCTCGCGGCACCGTGGATGACGATGACGAAGAAGA
GAACAAAGAGAATCTGCCGCCAGTTATCAGAGACGACGAGGAGTTGAAACTCACCAGCAACTCATTACT
AGTTTGCTTAAGAAGCTGGAGGAAGTTATTGACTTGATAATGAACAAGTGTCTGAGGAAGTCAACGCC
TGAAAAAGAAGTTGGGCATTAGGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>VC101854 representing YP_004934016 Red=Cloning sites Green=Tags
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MKKMSGIKLKGLITMDCFLPNWMGLEIILYYLKKMLLDMEKLVHGLLIMTMNKFCLLLALPGSLFLTP
KRTPPPGNLPPSPHPKKKTTEEERLARRREALALPRGTVDDDDDEENKENLPPVIRDDEELKLEQLIT
SLLKKLEEVIDLYNEQVSEELNALKKKLGIRQ

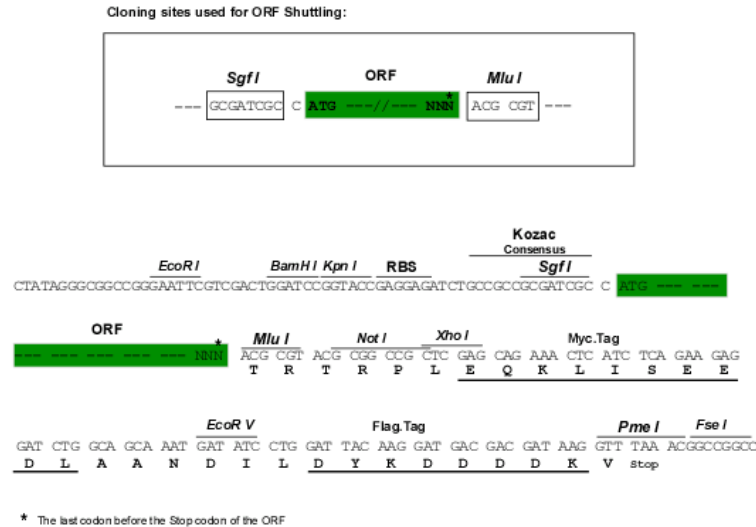
TRRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:	Sgfl-MluI
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Cloning Scheme:



ACCN:	NC_016157
ORF Size:	516 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_004934016
RefSeq ORF:	516 bp
Locus ID:	11294417
MW:	19.8 kDa