

## Product datasheet for **VC102150**

### gp46 SU (NC\_001436) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	gp46 SU (NC_001436) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	gp46 SU
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>The Viral ORF clone VC102150 represents NCBI reference of NP\_955620 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGGGCAAATTTCTTGAACCTTGATCCTCTTCTTCCAATTCTGCCACTGATCTTGGGAGATTATA  
 GCCCCTCATGCTGCACTCTTACCGTAGGCGTATCTTCATATCATTCCAAGCCTTGAATCCTGCCAGCC  
 CGTCTGCTCCTGGACGCTGGACCTCCTGGCACTGTCTGCAGACCAGGCACTGCAGCCCCGTGTCCAAAT  
 CTTGTCAGCTACAGTTACATACCAGCTACATACAGTCTGTACCTCTTCCCCTGGATCAAGAAGCCTA  
 ACCGGAACGGAGGAGGCTACTATTCAGCTAGTTACTCCGACCCTGTTCCTCACTGAAATGCCATATCTGGG  
 CTGTCAAAGTTGGACATGCCCTATACTGGTGCAGTTTCTCCCTTACTGGAAGTCCAGCAAGATGTG  
 AACTTCACTCAGGAGGTGAGCCACTTGAACATCAACCTGCATTTAGCAAGTCCGGATTCAGCTTACGCC  
 TTCTCGTTGATGCTCCCGCTACGATCCCATCTGGTTTCTGAATACTGAACCATCCAGCTCCCGCCAC  
 AGCCCCTCCACTGCTGAGCCACTCAAACCTGGATCACATCCTCGAGCCTTCAATTCCTTGGAAAGTCCAAA  
 CTTCTGACCTTGGTACAACCTCACGCTTCACTCCACAAATTACACCTGCATCGTCTGCATTGACCGAGCCA  
 GCTTGTCCACTTGGCACGTTCTTACTCCCAAACGTCTCTGTCCCTAGCCCCAGTAGTACTCCCCTTTT  
 GTATCCTTCTTTGGCCCTGCCTGCCACACCTTACCCTCCCCTTCAATTGGACACATTGTTTCGACCCC  
 CAAATCCAGGCCATAGTTTCTCCCATGCCATAACTCTTTGATCCTCCCCCGTTTTCTGTCTCCTG  
 TGCCACCCTGGGATCCCGCTCCCGGAGAGCTGTTCCAGTCGCGCTGGCTGGTAGCGCCTTGGCCAT  
 GGGAGCAGGAGTCGCTGGCCGATTACTGGCTCCATGTCACTGGCCAGTGGTAAGTCTCTCTGCACGAA  
 GTTGACAAAGATATCTCTCAGCTGACCAAGCTATTGTCAAAAACCAAGAACCCTGCTGAAGATTGCAC  
 AATACGCTGCTCAGAACAGAAGAGGGTTGGATCTCCTCTTTTGGGAGCAGGGGGCCTCTGTAAAGCCCT  
 CCAGGAACAATGTTGTTTCTGAATATACCAACAGCCAGTATCTATTCTGCAGGAACGACCACACTG  
 GAGAATCGCGTGTGACAGGATGGGACTGAATTGGGACTTGGCCTGAGTCAGTGGGCACGAGAAGCCC  
 TGCAGACCAGGAATAACACTTGTGGCGCTTGTGCTGCTGATCCTGGCCGGCCTTGCATCCTTAGGCA  
 GCTCAGACATCTGCCATCAAGAGTCCGGTACCCTCATTATTCACTGATCAATCCCGAGTCAAGCTTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC102150 representing NP\_955620  
 Red=Cloning sites Green=Tags

MMGKFLATLILFFQFCPLILGDYSPSCCTLVGVSSYHSKPCNPAQPVCSWTLDLLALSADQALQPPCPN  
 LVSYSYHATYSLYLFPHWIKKPNRNGGGYYSASYSRPCSLKCPYLGCSWTCPYTGAVSSPYWKFQDDV  
 NFTAQEVSHLNINLHFSKCGFSFLLVDAPGYDPIWFLNTEPSQLPPTAPPLLSHSNLDHILEPSIPWKS  
 LLTLVQLTLQSTNYTCIVCIDRASLSTWHVLYSPNVSPSPSSTPLLPSLALPAPHLTLPFNWTHCFDP  
 QIQAIIVSSPCHNSLILPPFSLSPVPTLGSRSRAVPVAVWLVSALAMGAGVAGRITGMSLASGKSLHE  
 YDKDISQLTQAIVKNHKNLLKIAQYAAQNRRLDLLFWEQGLCKALQECCFLNITNSHVSILQERPP  
 ENRVLTGWLNWDLGLSQWREALQTGITLVALLLVILAGPCILRQLRHLPSRVRYPHYSLINPESSL

**TRTRRLEQKLISEEDLAANDILDYKDDDDKV**

**Restriction Sites:**

Sgfl-MluI

