

## Product datasheet for **VC100038**

### **pIIIa (AC\_000007) Virus Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	pIIIa (AC_000007) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	pIIIa
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 VC100038 represents NCBI reference of AP\_000169 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGATGCAGGATGCCACGGACCCTGCAGTGCGGGCTGCTCTCCAGAGCCAGCCAAGCGGTCTGAATTC  
 CCGATGACTGGAGGCAAGTTATGGATCGGATTATGTCCTGACGGCCAGAAACCCGACGATTCCGGCA  
 ACAGCCCCAGGCAAAATAGGTTGAGTGCTATTCTGGAGGCCGTAGTGCCGGCTCGAGCCAACCCTACTCAT  
 GAGAAGGTGTTGGCAATCGTGAACGCGCTCGTGAAAACCGGGCGATCAGGCCGACGAAGCCGGCTGG  
 TGTACGACGACTGCTGCAGAGGTGGCAGGTAATTCGGCAATGCCAGACAAACCTCGACCCCT  
 CGTGGGCGACGTCGGGAGGCTGTGGCCAGAGAGAAAGGGCGCAGCAGCAGGTAATTTGGGATCCATG  
 GTGGCCCTAACGCTTTCTTTCTACCCAGCCGCAACGTGCCACGAGGTGAGGAGATTACACAACT  
 TTGTGAGCGCGCTTCGATTGATGGTAACGAGACCCGCAATCAGAAGTATATCAAAGCGGCCCGACTA  
 TTCTTTTCAGACATCAAGACAAGGCTGCAGACAGTCAACCTGAGTCAGGCGTTTAAAGAACTGCAGGGC  
 CTGTGGGGAGTGCAGACTCCACAGGTGATCGCGCAACCGTAAGCAGCCTGCTCACACCTAACTCAAGGC  
 TGCTGCTGTTGCTCATCGCCCCCTTACAGATTCTGGCAGCGTGAAGTCCGGACACTTACCTGGGCCATCT  
 CCTCACACTGTACCGGAAGCTATTGGCCAGGCACATGTCGATGAGCACACATCCAGGAGATCACAACT  
 GTAAGCAGAGCCCTGGGTGAGGAAGACACAGGTAGTCTCGAAGCTACACTGAATTACCTCCTGACGAATC  
 GGAGGCAGAAAATCCAAGCCTGCATAGTCTTAATTCAGAGGAAGAACGGATCTTGAGGTATGTGAACA  
 ATCTGTGCTCTGAACCTCATGAGAGATGGAGTACCCCAAGTGTGGCCCTGGACATGACCGCCAGGAAT  
 ATGGAACCCGGCATGACGCCTTAACCGCCTTTTATTAACAGATTGATGGACTACTTGACACAGAGCCG  
 CTGCGGTGAACCTGAGTATTTTACGAATGCAATCCTGAACCCCAATTGGCTGCCCTCCCGGATTTTA  
 TACTGGAGGATTCGAGGTGCCCGAAGGGAACGATGGCTTCTCTGGGATGACATCGACGATAGCGTGTT  
 AGCCCCAGCCCCAGACCCTGCTGGAATGCAGCAGCGCAGCAGGCAGAAAGCCGCTTGCACAAAGAA  
 CTTTCAGGCGGCCCTCCAGTCTGTGAGATCTCGGTGCTGCTGCACCACGCTCAGATGCTAGTTCTCCGT  
 TCCTAGTTTGTAGGCAGTTTCACTCTACTCGAACAACCGGCTAGACTCCTCGGCGAGGAGGAGTAC  
 CTCAATAACAGCTTGTGCAACCCAGCGCAGAGAAGAATCTTCCACCGCGGTTCCCTAACAAATGGGATCG  
 AATCTCTTGTGACAAAAATGTCCAGATGGAAAACCTATGCACAGGAGCACAGAGAGCTACCGGGACCAAG  
 GCCGCCACGCGCGGCAGAGACAGATAGACAGCGGGGACTGGTATGGGAAGATGATGATAGCGCAGAC  
 GACTCCAGCGTGTGACCTGGGAGGTCAGGCAATCCATTCGCTCACTGAGACCCAGATTGGGGCGAA  
 TGTTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC100038 representing AP\_000169  
 Red=Cloning sites Green=Tags

MMQDATDPAVRAALQSQPSGLNSTDDWRQVMDRIMSLTARNPDAFRQQPQANRLSAILEAVVPARANPTH  
 EKVLAIIVNALAENRAIRPDEAGLVYDALLQRVARYNSGNVQTNLDRLVGDVREAVAQRERAQQQGNLGS  
 VALNAFLSTQPANVPRGQEDYTNFVSALRLMVTETPQSEVYQSGPDYFFQTSRQGLQTVNLSQAFKNLQ  
 LWGVRAPTGDRAVSSLLTPNSRLLLLLIAPFTDSGSVSRDYLGHLLTLYREAIGQAHVDEHTFQEITS  
 VSRALGQEDTGSLEATLNYLLTNRQKIPSLHSLNSEEERILRYVQSVSLNLMRDGVTSPVALDMTARN  
 MEPGMYASNRPFINRLMDYLRHAAAVNPEYFTNAILNPHWLPFGFYTGGEVPEGNDGFLWDDIDDSVF  
 SPQPQLLELQREQAEALRKESEFRPSSLDLGAAPRSDASSPFPPLIGSFTSTRTRPRLGEEY  
 LNNSLLQPQREKNLPPAFPNGIESLVDKMSRWKTYAQEHRDVPGRPPTRRQRHQRGLVWEDDSDAD  
 DSSVLDLGGSGNPF AHLRPR LGRMF

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

