

## Product datasheet for **VC100058**

### **IVa2 (AC\_000007) Virus Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	IVa2 (AC_000007) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	IVa2
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 VC100058 represents NCBI reference of AP\_000165 with codon optimized for human cell expression

Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAACACAGAGCCGCCGCCAGCTGCACTGCAGCACCAACAGGATCAACCTCAGGCTACCCCGGCC  
AGAGAGCTGCGAGATCTGCACCACTGCACCGCGACCCAGATTATGCCGATGAGGACCCCGCCCGGTCTGA  
GAGACACGATCCAGGCCCTTCCGGAAGAGCACCACTACCGCGGTGCAGCGAAAGCCGACCAACCCGCC  
AAGCGCGCGATATGTTGGACAGAGATGCAGTGGAGCACGTAACAGAACCTTTGGGACAGGCTGGAGCTGC  
TTGGCCAGACACTGAAATCAATGCCTACCGCTGATGGCCTCAAACCCCTAAAAAATTTCGCTCCTTGA  
GGAGCTTCTCCTCGGGGGCAGCGGCTGCTGGCGCACCTGGTCAGGGAGAATATGCAGGTGCGCGAT  
ATGCTCAACGAGGTCGCTCCACTGCTCAGAGACGATGGCAGTTGTAGTTCCTGAATACCAACTCCAGC  
CCGTCATCGGTGTATCTATGGCCCACTGGGTGCGGAAAGTCAAACTGCTTAGGAACCTGCTGTCTTC  
ACAGCTGATTTACCCACCCCGAAACAGTCTTCTTTATCGCGCCTCAGGTGACATGATACCGCGCTCT  
GAACTGAAGGCTTGGGAGATGCAAAATATGTGAGGGCAATTATGCACCTGGGCTGATGGCACAATCATCC  
CTCAGTCTGGGACCTCCGGCCGCGTTTGTCAAGATGGCCTACGATGACCTGATCCTTGAGCATAACTA  
CGATGTCAGCGATCCTCGAAATATCTTTGCACAAGCAGCAGCCAGAGGCCCAATCGCGATTATCATGGAT  
GAGTGCATGGAGAACCTGGGCGGACATAAAGGAGTTTCCAATTTTTCCACGCTTCCCTTCAAAGCTGC  
ACGATAAATTTCCGAAGTGCACCGGATATACCGTACTGGTCGACTCCATAATATGAACCCGCGCGGGA  
TATGGCCGGTAATATAGCTAATCTGAAAATTCAGTCCAAGATGCACCTGATCAGCCCCGCATGCACCT  
TCACAGCTGAATAGTTTGTGAACACCTATACAAAGGGCTGCCCTTCCATCTCTTTGCTTCTCAAGG  
ATATTTTCAGACATCATGCTCAGAGAAGTTGCTATGACTGGATCATTTACAACACTACTCCTCAACATGA  
AGCCCTCCAGTGGTGTACCTTACCCACGCGATGGACTGATGCCAATGTACCTGAATATCCAGTACAC  
CTTTACCAGTGTGAGAAAGTCCACAGGACGCTGAACGACAGAGATCGGTGGTCCAGAGCCTACCGGG  
CTCGGAAGACTCCTAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC100058 representing AP\_000165

Red=Cloning sites Green=Tags

METRGRRPAALQHQQDQPQAHGQRAARSAPLHRDPDYADEDPAVERHDPGPSGRAPTTAVQRKPPQPA  
KRGDMLDRDAVEHVTELWDRLELLGQTLKSMPTADGLKPLKNFASLQELLSLGGERLLAHLVRENMQVRD  
MLNEVAPLLRDDGSCSSLNQYLPVIGVIYGPTGCGKSQLLRNLLSSQLISPTPETVFFIAPQVDMIPPS  
ELKAWEMQICEGNYAPGPDGTIIPQSGTLRPRFVKMAYDDLILEHNYDVSDPRNIFAQAAARGPIAIIIMD  
ECMENLGGHKGVSKFHAFPSKLDKFPKCTGYTVLVVHNMNPRRDMAGNIANLKIQSKMHLISPRMHP  
SQLNRFVNTYTKGLPLAISLLKDI FRHHAQRSCYDWIIYNTTPQHEALQWCYLHPRDGLMPMYLNIQSH  
LYHVLEKIHRTLNDRDRWSRAYRARKTPK

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

