

Product datasheet for **VC100228**

pIIIa (AC_000005) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	pIIIa (AC_000005) 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 VC100228 represents NCBI reference of AP_000115 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGCGCCAGCTATAATTGCCGAACCGCCCAATCTCGATCCAGCGGTGCTCGCCGCGATGCAGT
CTCAACCCCTCTGGTGTCACGGCTAGTGACTGGACGGCGCCATGGACCGCATTATGGCTCTGACCGC
GCGCAGCCAGATGCCTTCAGACAGCAGCCGAGGCGAATCGCTTTCCGCAACTGGAAGCCGTGGTT
CCGTCAAGGACTAATCCACACATGAGAAGGTGCTCACCATAGTTAACGCACTCCTTGATTCAAAGGCAA
TTCGAAGGACGAAGCCGGGCTATTTATAATGCATTGCTCGAACGAGTGGCCCGATATAATTCCACCAA
CGTTCAAGCTAACCTGGACCGAATGGGCACCGATGTCAAGGAGGCCCTGGCCAGCGGGAGCGATTCAT
CGCGATGGGAACCTGGGATCACTGGTGGCCTTGAATGCCTTCTCTCCACCCAGCCTGCCAACGTACCTA
GAGGTGAGGAGGATTACACCAATTTCAATTTCTGCCCTGAGACTCATGGTCACCGAAGTGCCCAATCTGA
AGTGATCAAAGTGGCCCTGACTATTTCTTCCAGACCTTAGGCAGGGTCTGCAGACCGTGAATTTGACC
CAAGCATTAAGAACCTGCAAGGATTGTGGGTGTGCGAGCTCCCGTTGGCGATAGGAGTACTCTGTTCAT
CCCTGTTGACACCAATTCACGGCTGCTCCTTCTCCTCATCGCTCCCTTCAACAAACAAATTTCTTGTG
ACGGGATAGCTACCTGGGCATCTTGTGACTCTGTACCGGAAGCAATCGGACAGGCCAGGTGGACGAA
CAGACATATCAGGAGATCACATCCGTGAGTAGGGCACTGGCCAAAGAAGACACTGGAAGTCTTGAGGCTA
CCCTTAATTTCTGCTGACTAATAGAAGACAGCAAGTGCCTCCCAATACACCCTCAACGCTGAAGAGGA
ACGAATTTCCGATACGTTCAAGCAGTCCGTGAGTCTTTATTTGATGAGGGAGGGTCCACTCCTAGCGCG
GACTGGATATGACCGCTAGGAACATGGAACCTCTTTCTACGCAAGCAACCGGGCTTTCATCAACAGAT
TGATGGATTATCTGCACCGGGCAGCCGCGATGAACGGAGAATATTTACCAACGCCATATTGAACCCCA
CTGGTTGCCCCCTGGCTTCTACACCGCGAGTTTCGATCTTCCGAAGGAAATGACGGCTTCTGTGG
GACGACGTTACGGACTCTCTGTTTAGCCCTGCCGTGATCGGGCATCACGGCAAGAAGGAAGCCGGGGATG
AGGGTCCCCTGCTCGACTCTAGGGCCTTCTCTCTTCCCTCACTTACCTCACTGCCCGCTCCGTCAA
TAGCGGCAGGACAACAAGACCGAGGCTCACCGGTGAATCCGAGTATCTGAATGACCCCATCTGTTCCCC
GTCCGCGATAAAAATTTCCCAACAATGGCATTGAGTCTCTGGTGGATAAAATGTCCAGATGGAAAATCT
ATGCACAGGAACGGCGCAATGGGAAGAGAGGCAACCAAGGCCAGTGAACCGCCCGCCAGAGGTGGCA
GCGACGCAAAAAGGTGCCACGCGGAGACGAGGGTCCGACGACAGCGCTGACGACTCCTCTGTTTTG
GATCTCGCGGGAGTGGAATCCGTTTGCCCATCTCCGGCTCAGGGTTGTATCGGCTCACTGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC100228 representing AP_000115

Red=Cloning sites Green=Tags

MQRPAIIAERAPNLDPVLAAMQSQPSGVTASDDWTAAMDRIMALTARSPDAFRQPQANRFSAILAEVY
PSRTNPTHEKVLTIVNALLDSKAIKDEAGLIYNALLERVARYNSTNVQANLDRMGTDVKEALAQRRFH
RDGNLGSVALNAFLSTQPANVPRGQEDYTNFISALRLMVTEVPQSEVYQSGPDYFFQTSRQGLQTVNLT
QAFKNLQGLWGRAPVGDRLSSLLTPNSRLLLLIAPFTNTNSLSRDSYLGHLVTLYREAIQQAQVDE
QTYQEITSVSRALGQEDTGSLEATLNFLLTNRRQQVPPQYTLNAEEERILRYVQQSVSLYLMREGATPSA
ALDMTARNMEPSFYASNRAFINRLMDYLHRAAAMNGEYFNAILNPHWLPFGFYTFGEFDLPEGNDGFLW
DDVTDLSLFSPAVIGHHGKKEAGDEGPLLDSRASSPFPSTLSLPASVNSGRTRPRRLTGESEYLNQPIILFP
VRDKNFPNNGIESLVDKMSRWKTYAQERREWEERQPRPVRPPRQRWQRRKKGAGHAGDEGSDSADDSSVL
DLGGSGNPF AHLRPQGCIGSLY

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

