

Product datasheet for **VC102044**

P (NC_003461) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P (NC_003461) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	P Protein
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 VC102044 represents NCBI reference of NP_604435 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATCAGGACGCCCTTCTTTTTGAGCGGGACCCAGAGCGGAAGGCGAGGCCCAAGAAAACAGGAGT
CCTTGTCCGACGTTATCGGTCTCCTTGTATGTGGTGTCTTACAAGCCAACTGAAATTGGCGAAGACCG
GAGTTGGTTGCACGGAATTATCGATAACCCCAAGGAGAATAAACCTAGCTGCAAGGCAGATGATAACAAT
AAGGACCGAGCTATTTCAACCTCAACGCAGGATCACAGATCTAGTGAGGGTAGCGGGATCTCTCGGAGAA
CTTCAGAATCTAAAACGGAGACCCACGCCAGGATCTTGGACCAGCAAGGAATTCACAGGGCCTCTCGACG
GGGAACCGACCCGAAACCCCTCCCTGAAAACATGGGGAACGAGCGCAACACACGCATCGATGAGGACTCC
CCAAATGAGCGGGACACCAGCGATCTGTGCTGACCGATGAAGACCGAAAAATGGCCGAAAACAGCAACA
AGAGAGAGGAAGACCAGGTTGAGGGATTCCTGAAGAAGTGCGGGCGAGTACACCTCTGAGCGATGATGG
CGAGGGGCGGACGAATAAACGGACGGAGCATGGAGACTAGTAGCACTCATAGCACCCGAATTACAGAT
GTGATCACTAATCCTTCCCCTGAGCTCGAAGACGCTGTTCTCCAGCGAAAATAGAGGGCGACCGACACCA
TCAAGAGGAACCGACACGCTCTGAACGCACCCAACTCATCTGAATTGCACAAGTCCACAAGTGAGAAATC
TAGCAACCTCGAGGATCATAACACAAAACCTTCTCAAAGGTGCCCCCAAGTAAAAACGAGGAATCAGCC
GCTACACCTAAAAACAACCACAACCACCGGAAGACCCGCTATACAACAACAACGCAAAACAACAACCA
AGTCCCCACCTACCCCGAGCACGATGCCACCGCAATGAAGAAGAGACCTCAAACACATCTGTGGACGA
AATGGCCAAACTCTTGTGTCCCTGGGAGTCATGAAGACCGACGAGTTCGAGCTTAGTAGGAGCGCA
TCACATGTGTTGCTAAGAGGATGCTGAAATCTGCAATTACAAGAAATGACATTCATCTGTGCGGAA
TGCTTATCTCAGTAGAGAAGTCCCTGGAAAATAAAGTAGAAGAGAATAGGACACTGCTTAAGCAGATCCA
GGAGGAAATCAACAGTAGCCGATCTGCATAAAAAGATTTCCGAATATCAAAAAGGCAAAAACAGCCTC
ATGATGGCAAATCTTAGTACACTGCACATCATCAGGACAGGGCGGAAAGACCGCAACCCAAAGTACA
CCACCCGCTCTCCATCAGTCTTCACTAAAGGCAAGGACAATAAAGTAAAGAAAACTAGGTTGATCCAG
TATGGAAGCCCTCGGAGGCCAGGAGTTCAAACCAGACCTGATCAGAGAAGACGAGCTTAGGGATGATATC
AAGAATCCCGTGTGGAGGAGAATAAACGAGCCACAGGCTTCCAATGCCTCCCGACTGATTCCTTCAA
CAGAGAAGCACACTCTCCATTCTGAAACTTGTATCGAAAACCTACCACCTAGCCGAGTAGAGAAAAA
AGCATATATTAAGTCCCTGTACAATGCAGAACGAATCAGGAGGTGAAGAACGTGATGGAGCTTTTTGAG
GAGGATATAGACTCTCTGACAAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC102044 representing NP_604435

Red=Cloning sites Green=Tags

MDQDAFFFERDPEAEAGEAPRKQESLSDVIGLLDVVLSYKPTIEIGEDRSWLHGIIDNPKENPCKADDNN
KDRAISTSTQDHRSESGISRRTSESKTETHARILDQQGIHRASRRGTSFNPLPENMGNERNTRIDEDS
PNERRHQRSVLTDEDKMAENSNKREEDQVEGFPPEVRRSTPLSDDGEGRTNNGRSMETSSTHSTRITD
VITNPSPELEDAVLQRNKRPTTIKRNQTRSERQSSSELHKSTSENSNLEDHNTKTSKVPVPSKNEESA
ATPKNNHNHRKTRYTTNANNNTKSPPTPEHDATANEETSNTSVDEMAKLLVSLGVMKSQHEFELSRSA
SHVFAKRMLKSANYKEMTFNLGMLISVEKSLENKVEENRLLKQIQEEINSSRDLHKRFSEYQKEQNSL
MMANLSTLHIITDRGGKTGNPSDTRSPSVFTKGKDNKVKKTRFDPSMEALGGQEFKPDLIREDLRDDI
KNPVLEENNNEPQASNASRLIPSTEKHTLHSLKLVIEENSPLSRVEKKAYIKSLYKCRTNQEVKNMELFE
EDIDSLTN

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

