

Product datasheet for **VC102060**

phosphoprotein (NC_001796) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	phosphoprotein (NC_001796) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	phosphoprotein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC102060 represents NCBI reference of NP_067149 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAAGTGATGCTAAGAATTACCAGATCATGGACAGCTGGGAAGAAGAATCTAGGGACAAGTCCACTA
 ATATTTCAAGTGCCCTTAATATTATCGAGTTCATCCTGAGCACCGACCCCAAGGAGGATTTGAGCGAGAA
 CGACACAATCAATACCCGCACTCAGCAGTTGAGCGCCACGATCTACCAGCCAAAAATCAAGCCCACCGAA
 ACAAGTGAAAAAGATTACAGGATCCACAGATAAGAATCGACAGAGTGGTTCCTCACACGAATGACTACAG
 AAGCCAAGGACCGACAATAGACCAGGAAACCGTGCAGCGCGGCCAGGAAGACGAAGCAGCAGCGATAG
 CCGCGCCGAGACAGTCGTGTCCGGGGAACTCAAGAAGTATCACAAATCAAAGAATGGCACACAGAAT
 ACTGAAGACATAGACCTCAATGAAATTCGAAAAATGGATAAAGACAGCATAGAAGGGAAAGTGAGACAGA
 GCGCCGATGTGCCATCCGAAATCAGTGGCTCAGACGTGATCTTACCACCGAACAAGTAGGAATCCGA
 CCACGGACGGTCCCTTGAGAGCATCTCAACCCCTGACACTAGGAGCATCTCAGTGGTCACAGCAGCTACA
 CCTGACGATGAAGAGGAGATTCTGATGAAGAACTCCAGAACAAAAAGAGCAGCAGCATTACCAGGAGG
 ATGATAAGAGAATTAAGAAAGGCGGAAAGGGAAAAAGATTGGTTCAAGAAATCAAAGATACAGATAACCA
 GATCCCCACTTCTGACTACAGATCCACCAGTAAGGGCCAGAAGAAAAATCTCAAAGACCACAACCTCAAC
 ACTGATACAAAGGGCCAAACCGAGATCCAGACCGAATCCAGCGGAACCCAATCTAGTTCATGGAATCTGA
 CCATCGATAACAATACAGACAGAACAGAGCAGACAAACACAACACCACCAACCACAACAGCGGCAGTAC
 CTACACGAAGGAGTCAATTAGGACCAATAGCGGCAGCAAAACCGAAAAACCCAGAAGACAAATGGTAAAGAA
 CGCAAGGACACAGAGGAATCAAACCGCTTACTGAACGAGCCATCACGTTGCTGCAGAATCTTGGGGTGA
 TCCAGTCTACTAGCAAGCTCGACTTGACCAGGATAAAAAGGGTTGTCTGTGTGCGCAACGTTCTGAACAA
 CGTTGACACCGCCAGTAAATAGATTTTCTCGCCGGCCTTGAATTGGCGTGTCTATGGACAACGATACC
 AAGCTGACACAGATACAGAATGAAATGCTGAACCTGAAGGCCGACCTGAAGAAAAATGGATGAATCCACA
 GGAGACTGATTGAGAATCAGAGGGAGCAGTTGTCATTGATTACTTCTCTCATCAGTAACCTGAAAAATCAT
 GACAGAAAGAGGGCGGAAGAAGGATCAGAACGAGAGCAATGAGCGGTTTCTATGATCAAAAACAAAGTTG
 AAAGAGGAGAAAAATCAAGAAAACCGGTTTGACCCCTGATGGAGACCCAGGGCATTGACAAAAACATAC
 CAGATCTCTACCGACATGCAGGAAATCTCTGGAGAATGATGTGCAAGTCAAGAGCGAGATCCTGTCTAG
 TTATAATGAATCCAATGCCACAAGACTGATCCCAAAGAAAGTATCCAGCACTATGCGAAGCCTTGTCCGC
 GTTATAAGCAACTCCAATCTGTCTCAGTCAACCAAGCAAGCTATATCAACGAACTGAAGCATTGTAAAA
 ACGACGAGGAGGTTAGCGAGCTCATGGACATGTTCAATGAGGACGTAATAACTGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC102060 representing NP_067149
 Red=Cloning sites Green=Tags

MESDAKNYQIMDSWEEESRDKSTNISSALNIEFILSTDPQEDLSENDTINTRTQQLSATIYQPKIKPTE
 TSEKDSGSTDKNRQSGSSHECTTEAKDRTIDQETVQRGPGRRSSSDSRAETVVSGGISRSITNSKNGTQN
 TEDIDLNEIRKMDKDSIEGKVRQSADVPSEISGSDVIFTEQSRNSDHGRSLESISTPDTRSISVVTAAAT
 PDDEEELMKNSRTRKSSSIHQEDDKRIKKGKGDWFKKSKDTDNQIPTSDYRSTSKGQKKISKTTTIN
 TDTKGGTEIQTESSGTQSSSWNLIDNNTDRTEQTNTTPPTTSGSTYTKESIRTNSSGSKPKTKTNGKE
 RKDTEESNRFTERAITLLQNLGVIQSTSKLDLYQDKRVVCVANVLNNVDTASKIDFLAGLVIGVSMNDNT
 KLTIQIQLNEMLNKADLKKMDESHRRLIENQREQLSLITSLISNLKIMTERGGKKDQNESNERVSMIKTKL
 KEEKIKKTRFDPLMETQGIKNIPLDLYRHAGNTLNDVQVKSEILSSYNESNATRLIPKKVSSMTRSLVA
 VISNSNLSTKQSYINELKHCKNDEEVSELMDFNEDVNNCQ

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NC_001796

ORF Size: 1809 bp

OTI Disclaimer: The molecular sequence of this clone can be viewed by clicking the "ORF Nucleotide Sequence" link above. This sequence represents the NCBI reference after codon optimization for human cell expression, and retaining the same decoded protein sequence. The stop codon in the native sequence was removed to create the in-frame c-terminal fusion with a Myc-DDK tag.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- Reconstitution Method:
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NC_001796.2](#), [NP_067149](#)

RefSeq ORF: 1809 bp

Locus ID: 911956

MW: 67.5 kDa