

## Product datasheet for **VC102454**

### NP (NC\_007381) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NP (NC_007381) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NP
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 VC102454 represents NCBI reference of YP\_308871 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGCCAGTCAGGGAACAAAACGGAGTTACGAGCAAATGGAGACCGATGGAGAGCGACAGAATGCCACAG  
 AAATCAGAGCTTCTGTCGCAAGATGATTGATGGGATAGGGCGGTTCTACATCCAGATGTGCACAGAGCT  
 CAAACTTTCTGACTATGAGGGGAGGTTGATCCAAAACACTGACCATCGAACGAATGGTGTCTGTCTGCT  
 TTCGACGAGAGAAGAAACAAATACCTCGAAGAACCCTTCAGCCGGCAAGGATCCCAAGAAAACAGGTG  
 GCCCATATAACAAGAGGGTCGACGGCAAGTGGATGCGGGAGCTGGTGCTTACGACAAGGAGGAGATCAG  
 GCGGATATGGCGGCAGGCCAATAATGGGATGATGCGACAGCCGGCTGACCCACATGATGATATGGCAC  
 AGCAATCTCAACGATACAACCTATCAACGCACACGAGCCCTTGTCGGACAGGAATGGATCCAAGGATGT  
 GTAGCCTGATGCAGGGTAGTACGCTGCCAGACGCAGTGGCGCCGCTGGCGCTGCAGTAAAGGGAGTCGG  
 CACCATGGTCATGGAGCTGATCCGGATGATCAAAGGGGCATAAACGACCGGAATTTTTGGCGGGCGCAA  
 AATGGACGCAAAACGCGGAGCGTTACGAGAGAATGTGTAAACATCCTGAAAGGCAAGTTCAGACTGCTG  
 CTCAACGCGCTATGATGGATCAGGTCCGGGAGAGCCGGAACCCCGGGAACGCCGAGATTGAAGATTTGAT  
 ATTCCTGGCCCGCAGTGCCTGATTTTGC GCGGATCAGTTGCTCATAAGAGCTGCCTTCCCGCTGCGTT  
 TATGGCCAGCTATTGCAAGCGGATATAACTTCGAGAAAGAGGGATATCCCTCGTAGGAATTGATCCAT  
 TTAACCTTCTGCAGAATAGTCAAGTGTACTCTCTATTAGGCCAAACGAAAACCCCGCTCATAAGTCCCA  
 GTTGGTATGGATGGCCTGTAACAGCGCCGCTTGAAGACTTGAGAGTGCCTTCCCTCATCCGCGGCACA  
 AAGGTGAGCCCACGAGGCAAGCTGTCAACAAGAGGTGTCCAGATTGCCTCAAATGAAAATATGGATACAA  
 TGGAAAGCTCCACTTTGGAACCTCAGGAGCCGCTATTGGGCCATCCGCACCCGCTCAGGCGGCAACTAA  
 CCAGCAGCGGCCCTCCGCTGGCCAGATTCTGTACAGCCTGCGTTGAGTGTTCAGAGAAACCTGCCATTC  
 GACAAGCCACAATTATGGCAGCCTTCACTGGGAATACAGAAGGTGCGACTTCTGATATGCGAGCAGAGA  
 TTATCCGCATGATGGAAGGCGCAAAACCCGAAGAAATGAGTTTTTCAGGGACGCGGAGTGTGTTGAGTTGAG  
 CGACGAGAAGGCTACCAATCCCATCGTCCCATCCTTTGACATGAGTAATGAGGGTTCTATTTTTTTGGC  
 GACAACGCCGAGGAGTATGACAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC102454 representing YP\_308871  
 Red=Cloning sites Green=Tags

MASQGTKRSYEQMETDGERQNA TEIRASVGMIDGIGRFYIQMCTELKLSDYEGRLIQNSLTIERMVLSA  
 FDERRNKYLEEHP SAGKDPKKTGGPIYKRVDGKWMREL VLYDKEEIRRIWRQANNGDDATAGLTHMMIWH  
 SNLNDTTYQRTRALVRTGMDPRMCSLMQGSTLPRRSGAAGAAVKGVGTMVMELIRMIKRGINDRNFWRGE  
 NGRKTRSAYERM CNILKGFQTAQRAMMDQVRESRNPNAEIEDLIFLARSALILRGSVAHK SCLPACV  
 YGPAIASGYNFEKEGYSLV GIDPFKLLQNSQVYSLIRPNENPAHKSQLVWMA CN SAAFEDLRVLSFIRGT  
 KVS PRGK LSTRGVQIASNENMDTMESSLELRSRYWAIRTRSGGNTNQQRASAGQISVQPAFSVQRNL PF  
 DKPTIMAAFTGNTEGRTSDMRAE IIRMMEGAKPEEMSFQGRGVFELSDEKATNPIVPSFDM SNEGSYFFG  
 DNAAEYDN

**TR**TRRLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

