

Product datasheet for **VC101927**

hypothetical protein (NC_001457) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	hypothetical protein (NC_001457) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	hypothetical protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101927 represents NCBI reference of NP_040891 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGACAAGGGGACAGATAACTTCGACTTGGAAAGGAACTGGTACATTGTGCATGAGGCCGAGT
GCACAGATTCTATCGACTCTCGACGATCTCTGCGACGAAAGTAAATGATGATAGCAATATCTCAATCT
CATTGACGACGATGTCGTGGATCAAGGAACTCTCTTGCACCTTTATAATGCTCAGATCAACGAGGATTGC
GACAATGCGCTCGCACACTTGAAGCGAAAGTACAACAAAAGCCCTGAACAAGCTGTGGTGAATTGTCCC
CTCAACTCCAGGCCGTTAAAATTACTCCAGAACGACATAGCAAAAGACGACTTTTTCAAGATTCAAGGAT
CTTCGAGGACGAGGCAGAAAACAGTCTCACCCAGGTTGAGAGTGAATCACAAGCTGGTCCCTCTTACAA
GACGGCGCGGGACATTAACTTCTGCTGCTGCAAAGTTCAAAATAGGCGCGCCACAATGCTCGCAAAGT
TCAAGGAATGGTACGGGGTCTCCTACAATGAGATCACTAGAATCTATAAAAGCGATAAAAGCTGTTCTGA
TAATTGGTTATTGTATCTTCCGGGCCCGTGGAGGTTTGGAAAGCTCTAAAATAGTACTTAAACAG
CACTGTACCTACATCCAAGTTAAGATCTTTGGATTTTCTGCCCTGTACTTGGTGCAGTTCAAAAGCGCGA
AGTCACGAGAGACTGTACAGAACTCATGTGCTCAATTCTTAATCCAGGAGTATCAAATGCTGTGCGA
CCCACCGAAACTCAGATCTGTCCAACCGCCCTTATTCTACAAGCATGCAATGCTGACCGAGAGCTCC
GTGTTCCGCCAGACACCAGATTGGATTGCGAAACAGACTGGTTTCCCACCGGCTGCGACGACTGCTG
AGACCTTCGAGCTCTCCCGCATGGTACAATGGGCTATGATAAATACTATGTGGATGAGTGCATATAGC
CTATCACTACGCTATGTACGCGGAAGAAGTCAAATGCCCGCATACCTGAAGTCCAATAATCAGGTG
AAACACGTTCCGGACTGTTCAACTATGGTAAGAATGTACAAGAGTACGAGATGAGGGACATGCAATGA
GCGAGTGGATCTACAAATGCTGCGACGAATGTTCCGAGGAGGGGATTGGAAGCCCATCTCACAGTTTCT
GAAGTATCAGGGCGTGAACATCCTGTCTTTCTGATAGTCTGAAAGTCTTCTTGAAGGGATCCCCAAA
AAAAACTGTATTGTAATTCACGGCCCCCAGATACAGGCAAAAAGTCTTTTTTGTACTCTTTTATCAAAT
TCCTGAAGGGCAAAGTAGTGTCTATGTCAACCGATCTAGCCACTTCTGGCTCCAGCCTCTGATGGACTG
CAAAGTGGGTTTTATGGACGACGCAACGTATGTGTGGTGGACCTACATTGACCAGAATCTGAGAAACGCC
TTGGACGGCAATCCAATGTGCTTGTATGCTAAACATCGCGCACCACAACAACTCAAGCTGCCTCTATGC
TCATCACTAGCAACATCGATATAAAGCAGGAACAGAGTCTGATGTACCTCCATAGCCGGATTCAAGTCTT
CAACTTTCAAACAAGATGCCTATTCTGGACGACGGCTCACCTATGTACCTTCCACCGAGGCACCTGG
AAGTCTTTCTTTAGAACTGGGACGGCAACTCGAACTGACGGATCCGGAAGAAGAGAACAACGGCGTCC
CATCCCGCACATTCCGCTGCACGAGTCGGAGCAATTCCGATAGCTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101927 representing NP_040891

Red=Cloning sites Green=Tags

MADKGTDFLEGNWYIVHEAECTDSIDTLDDLCDENDDSNISNLIDDDVVDQGNLALYNAQINEDC
DNALAHKLRKYNKSPEQVAELSPQLQAVKITPERHRSKRLFQDSGIFEDAENSLTQVESESQAGPSSQ
DGGGDINLLLLQSSNRRATMLAKFKEWYGVSYNEITRIYKSDKSCSDNWVIVIFRAAVEVLESSKIVLKQ
HCTYIQVKIFGFSALYL VQFKSAKSRETQKLMCSILNIQEYQMLCDPPKLRVPTALYFYKHAMLTSS
VFGQTPDWIAKQTLVSHQAATTAETFELSRMVQWAYDNNYVDECDIAYHYAMYAEEDANAAYLKSNNQV
KHVRDCSTMVRMYKRYEMRDMMSSEWIYKCCDECSEEGDWKPI SQFLKYQGVNLSFLIVLKSFLKGIK
KNCIVIHGPPDTGKSLFCYSFIKFLKGVVSYVNRSSHFWLQPLMDCKVGFMDDATYVCWTYIDQNLRNA
LDGNPMCIDAKHRAPQQLKLPPLITSNIDIKQEQLMYLHSRIQCFNFPNKMPILDDGSPMYTFDTGTW
KSFFQKLGRQLELTDPEEENNGVPSRTFRCTSRNSDSY

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NC_001457

ORF Size: 1797 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_001457.1](#), [NP_040891](#)

RefSeq ORF: 1797 bp

Locus ID: 1489453

MW: 68.7 kDa