

Product datasheet for **VC102220**

NS3 protease/helicase' (NC_004102) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NS3 protease/helicase' (NC_004102) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NS3 protease/helicase'
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 VC102220 represents NCBI reference of NP_803144 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCACCTATTACAGCATACGCTCAACAAACGCGGGGGCTGCTCGGGTGCATAATTACAAGTCTGACTG
GGCGGGATAAAAAATCAGGTGGAAGGCGAAGTGCAGATAGTAAGTACCGCTACTCAAACCTTTCTCGCCAC
ATGTATAAACGGCGTGTGCTGGACGGTTTACCACGGAGCAGGAACCAGGACTATTGCTTCACAAAAGGT
CCTGTTATTCAAATGTACACAAATGTCGATCAGGATCTCGTAGGTTGGCCCGCACCTCAAGGAGCAGGT
CACTGACCCCGTGTACCTGCGGGAGTCCGATCTACCTTGTGACACGACACGCTGATGTAATCCCGT
CCGCAGGCGGGGGATAGCAGAGGGAGTCTGCTGTCTCAAGGCCGATCTTATTTGAAGGGCTCTTCC
GGCGGCCACTGTGTGCCAGCAGGCCATGCGGTAGGCTGTTTCGAGCCGCCGTGTGTACCAGGGGCG
TAGCGAAAGCTGTCGACTTCATACCTGTGGAGAATCTCGAGACGACTATGCGCTCACCAGTTTTCCCGA
TAACAGCAGCCCCGACCGGTGCCGAGTCCTTCCAAGTGGCTCACCTGCACGCCCCACCGGATCCGGC
AAGTCCACCAAAGTCCCCGCTGCTTACGCAGCCCAAGGCTACAAGTCTTGGTACTGAATCCTTCAGTGG
CTGCCACTCTCGGCTTTGGCGCCTACATGTCTAAGGCACACGGAGTTGATCCTAATTCGAACCGGTGT
ACGCACCATCACCACTGGCTCCCCTATCACTTATAGTACATACGGAAAAATTTCTGGCCGACGGCGGATGT
TCCGGGGGCGCCTATGATATCATAATATGCGACGAGTGCCACAGTACTGATGCTACCAGTATTCTCGGTA
TCGGCACAGTCTGGATCAGGCGGAAACAGCGGGTCCAGACTGGTCTGTTCTGGCCACGGCTACCCACC
TGGATCTGTGACAGTGTCTACCCAAACATTGAGGAAGTGGCTCTGAGCACCACCGGTGAAATCCCGTTT
TATGGTAAAGCTATCCCACTCGAGGTGATCAAAGGGGGCCGACACTTGATTTTTTGTACAGTAAGAAAA
AGTGTGATGAACTCGCGGCAAAACTGGTAGCTCTGGGGATTAATGCCGTGGCTTACTATAGAGGTCTGGA
CGTGAGTGTGATTCCGACCAGCGCGACGTCGTAGTTGTGAGTACAGATGCCCTCATGACTGGCTTTACA
GGAGACTTTGATTCCGTTATTGATTGTAACACATGTGTGACCCAGACCGTGGACTTCAGCCTGGACCCCA
CGTTCACAATTGAAACTACAACATTGCCCAAGACGCGGTGTCCAGGACCCAGAGGAGAGGAAGGACAGG
CCGCGGAAAACCTGGAATCTATAGATTCGTAGCCCCGGGGAACGCCCATCCGGCATGTTTGATTCTTCC
GTGTTGTGTGAGTGTATGACGCTGGCTGCGCTTGGTACGAGCTTACTCCTGCAGAGACCACTGTCAGGT
TGAGGGCCTACATGAATACACCAGGTTTGGCCGTATGCCAGGACCACCTGGAGTTTTGGGAAGGCGTCTT
CACCGGCTGACTCATATTGACGCTCATTTTCTGTCTCAGACAAAGCAATCTGGTGAGAATTTCCCTTAC
CTGTTGCTATCAAGCAACGGTTTGTGCTAGGGCGCAGGCCCCCCCGCCCTCATGGGACCAAATGTGGA
AATGTCTCATTAGGCTCAAGCCACATTGCACGGACCCACACCTCTCTGTATCGGCTCGGTGCAGTCCA
GAACGAAGTTACTGACCCACCCATACCAAGTATATCATGACCTGTATGAGCGCCGACTGGAAGTG
GTTACT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_004102.1](#), [NP_803144](#)

RefSeq ORF: 1896 bp

MW: 67.4 kDa