

## Product datasheet for **VC102063**

### hemagglutinin-neuraminidase (NC\_001796) Virus Tagged ORF Clone

#### Product data:

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



[View online »](#)

**ORF Nucleotide Sequence:**

>The Viral ORF clone VC102063 represents NCBI reference of NP\_067152 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAATACTGGAACATACGAACCACGAAAAGACGCCGGAACGAGCTGGAACCTCTATGGCGACCC  
ACAACAACAAGCTCACAAATAAGATCATATACATCCTGTGGACAATAATCCTCGTCTTCTGAGCATCGT  
ATTTATTATCGTGCTGATCAACTCAATCAATTCTGAGAAAGTACATAACTCTCTGCTGCAAGAAATCAAC  
AACGAGTTCATGGAGATTACTGAGAAAATCCAAATGGCATCTGATAACACGAACGATCTGATCCAGAGTG  
GAGTTAATAACAAGATTGCTCACTATTAGAGCCATGTTCCAGAATACATCCCTATCTCCCTGACTCAGCA  
AATGTCAGACCTCAGGAAGTTTATCTCTGAGATTACCATCAGGAATGATAACCAGGAGGTGCCACAACAA  
AGGATCACTCACGATGTCGGCATTAAACCATTGAACCTGACGACTTTTGGAGATGCACTAGCGGACTGC  
CTTTCCTGATGAGAAATCCTAAGATAAGACTGATGCCAGGCCCGGCCTGCTCGCAATGCCTACGACGGT  
GGATGGGTGTGTCAGGACCCAAGTCTTATCATAAATGATCTTATTTACGCCTATACTAGCAACCTGATA  
ACACGGGGGTGTCAAGATATTGGCAAAAGCTACCAAGTGTGCAGGTTGGTATAATTACGGTGAATTCAG  
ACCTGGTCCCCGACCTCAACCCTCGTTTTCTCATACCTTTAACATAAACGATAACCGCAAAAGCTGTTT  
TCTGGCCTGTGAACACCGACGTTTATCAGTTGTGCAGACCCCAAGTGGATGAAAGAAGTGATTAT  
GCATCCAGCGGTATTGAGGACATTGTTTTGGATATTGTGAACTACGACGGTCAATCTCTACGACGCGGT  
TTAAGAATAACAATATCTCCTTCGACCAGCCTACGCTGCCGTACCCCTCCGTCGGACCCGGTATTTA  
TTATAAAGGTAATAATTTTCTGGGTTACGGCGGTCTGGAACATCCAATTAATGAAAAATGTGATCTGT  
AACACAAGTGAATGCTCCTGGTAAAACCCAGAGGGACTGTAAATCAAGCGAGCTACAGCCCATGGTTTTCCG  
ATCGGCGGATGGTTAATAGTATAATTGTTGATAAGGGGCTCAACTCTATACCTAAGTTGAAGGTCTG  
GACTATCTCTATGCGGCAGAATTACTGGGTAGCGAGGGACGCTTGATTCTTCTGGGGAACAAAATCTAT  
ATCTATACGAGATCAACCTCCTGGCATAGCAAGCTCCAGCTGGGAATTATTGATATTACCGACTACTCTG  
ATATACGGATCAAGTGGACTTGGCATAACGTGCTCAGCCGCCAGGTAACGACGAGTGTCCATGGGGCA  
CAGTTGCCCTAACGTTGTATTACCGCGTCTATACTGACGCCTACCCACTGAATCTACTGGCTCTATC  
GTCTCTCCGTCATTTTGGACAGCCAGAAGAGCCGCGTGAACCCCGTCATCACATACAGCACAGCCACTG  
AAAGGTCATGAGCTCGGATTAGGAATCGACCTTGTCTGCCGATACACAACACGCTCTGCATCAC  
TCATTACGACAAAGGTTACTGCTCCACATTGTGAAATCAATCAAAGTCTTCAAACACATTCCAGCCA  
ATGCTGTTAAGACAGAGATCCCGAAGAGTTGTTACAGAGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC102063 representing NP\_067152

Red=Cloning sites Green=Tags

MEYWKHTNHGKDAGNELETSMATHNNKLTNKIIYLWTIILVLLSIVFIIIVLINSINSEKVHNSLLQEIN  
NEFMEITEKIQMASDNTNDLIQSGVNTRLLTIQSHVQNYIPISLTQQMSDLRKFISEITIRNDNQEVPPQ  
RITHDVGIKPLNPDDFWRCTSGLPFLMRNPKIRLMPGPGLLAMPPTVDGCVRTPSLIINDLIYAYTSNLI  
TRGCQDIGKSYQVLQVGIITVNSDLVPDLNPRFSHTFNINDNRKSCSALLNTDQVYQLCSTPKVDESDY  
ASSGIEDIVLDIVNYDGSISTTRFKNNNISFDQPYAALYPSVGPYIYKGIIFLGYGGLEHPINENVIC  
NTTECPGKTQRDCNQASYSYPWFSDRRMVNSIIVVDKGLNSIPKLKVTISMRQNYWGSEGRILLGNKIY  
IYTRSTSWHSLQLGLIIDITDYSDIRIKWTWHNVLSRPGNDECPWGHSCPNCGITGVYTDAYPLNPTGSI  
VSSVILDSQKSRVNPVITYSTATERNVLAIRNRTL SAGYTTTSCITHYDKGYCFHIVEINQKSSNTFP  
MLFKTEIPKSCSQS

**TRTRRLEQKLISEEDLAANDILDYKDDDDKV**

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_001796

**ORF Size:** 1722 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\\_067152](#)

**RefSeq ORF:** 1722 bp

**Locus ID:** 911961

**MW:** 64.9 kDa