

Product datasheet for **VC100870**

UL6 (NC_001798) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL6 (NC_001798) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC100870 represents NCBI reference of NP_044475 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGCTCAGAGAGCCCGCGCTCCCGCTATGCGGACTCGCGGTGGTGACGCTGCCCTTTGCGCTCCCG
 AGGATGGGTGGGTAAGGTGCACCCGACCCAGGCACCATGCTGTTCCGCGAAATCCTCCTCGGACAAAT
 GGGGTACACGGAGGGACAGGGCGTGTAAACGTGGTGAGATCTTCCGAGGCCGCCACTAGACAATTGCAG
 GCTGCCATTTTCCATGCACTCCTGAACGCTACAACATATAGAGATCTTGAAGAGGACTGGAGACGCCACG
 TGGTTGCCCGAGGCTGCAGCCACAGAGGCTTGTGCGGCGCTACAGGAATGCACGGGAAGGTGATATAGC
 TGGCGTAGCCGAGCGGTATTGATACATGGAGATGCACCCTGAGAACTACTCTGCTCGATTTCCGCGCAT
 GGGGTGGTGGATTGTTTCGCTCCAGGAGGCCATCAGGCCCTACGTCCTTCCCAAAGTATATAGATTGGC
 TGACCTGCCTCGTCTTGTGCCAATCCTCAGGAAGACCAGGGAGGAGAGCAACACAGAGACTGGGCGC
 GTTCTCAGGCAGCATACACTGCCCCGGCAACTGGCTACCGTAGCCGGAGCTGCCGAAAGAGCAGGCCCA
 GGACTTCTGGATCTCGCTGTTGCCTTCGATTCTACCCGAATGGCCGAGTACGACCCGCTGCACATATACT
 ATAACCATCGAAGAGGTGAGTGGCTGGTTCGGGATCCCGTCTCCGGGCGAGCGAGGCGAGTGCCTCGTTCT
 GTGCCACCTCTTTGGACCGGAGACCGCCTTGTTTTGACTCTCCAGTCCAGCGCTTGTGTCCTGAGATC
 GTAGCATGCCATGCACTGAGGGAACACGCACACATCTGTGCACTGAGGAATACAGCCTCCGTGAAAGTCC
 TCCTTGGGAGAAAAGCGATTCCGAACGCGGAGTCGCAGGTGCAGCTCGCGTCGTAACAAGGCACTGGG
 CGAGGATGACGAGACAAAGCTGGCAGCGCGGCCAGTGCAGTCTGTCGAGTGAAGTGAAGTGAAGGCACTTATTG
 ATGAGGCATGTGGGGACATTAATGACACAGTGAAGGCTACCTCGATGAAGTGAAGTGAAGGCACTTATTG
 ATACACCAGCGGTGGACCACACATTGCCCGGATTCCGTAAGGGTGAACAGGACGCGGATCCAGACCCCA
 AGATCCTGGTGTGCTGACCTCAGCAGTTGAGGCAAGCATTTTCAGACAGCTGTGTTAACAACATCAACGGA
 ATGCTGGAAGGCTATATTAATAACCTGTTTGAACGATCGAACGGTTGAGAGAAACCAACGCCGTTTGG
 CCACGCAACTGCAAGCCAGGACCGAGAACTTCGGCGAGCGCAGGCCGCTGCTCTGGAAGGGAACAGCG
 CGCCGAGATCGAGCTGCAGGCGGAGGAGCTGGCAGACCTGCAGAGGCTGATCTTTGAGAGCCGACTAT
 GATATCATTGACGTGTCCAAGTCTATGGATGACGACACCTACGTTGCCAATTCCTCCAGCATCAGTACA
 TACCGGTTACGCCAGGATCTCGAACGCCTGTCCCGCTGTGGGAGCACGAGCTGGTGAGGTGTTTCAA
 GATTCTCCGACATAGAAACAAGCAAGGTCAGGAAACGAGCATTTCTATTCTTCAGGCGCCATTGCGTCC
 TTTGTGGCCCCCTATTTTGAATACGTTTTGCGAGCCCCACGGGCCGGCCCTTATTACCGAAGCGAGCG
 TGATCCTGGGGGAGGAAGAACTTTGGGAAGCGGTGTTCAAGAAGACCCGACTCCAGACCTACCTCACCGA
 CGTCGCTGCTCTGTTTGTGGCTGACGTACAGCACGCTGCACTCCCCAGACCGCCTTACCAACCCCGAGCA
 GATTTTCGGGCATCCGCAAGTCCAGAGGCGGATCCAGGAGCCGAACTCGCACACGGAGCAGGTCTCCTG
 GTCGCACTCCAAGAGGCGCCCCGATCAGGGCTGGGTGTGCAACGGAGGGATGGACGACCACATGCCAG
 AAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100870 representing NP_044475
Red=Cloning sites Green=Tags

MAAQRARAPAMRTRGGDAALCAPEDGWVKVHPTPGTMLFREILLGQMGYTEGQGVYNNVRSSEAATRQLQ
 AAIHFHALLNATTYRDLEEDWRRHVVARGLQPQLVRRYRNAREGDIAGVAERVFDWRCRTLRTLLDFAH
 GVVDCFAPGGPSGPTSFPKYIDWLTCLGLVPILRKTREGEATQRLGAFLRQHTLPRQLATVAGAAERAGP
 GLLDLAVAFDSTRMAEYDRVHIYYNHRRGEWLVRDPVSGQRGECLVLCPLWTGDRLVFDSPVQRLCPEI
 VACHALREHAHICRLRNTASVKVLLGRKSDSERGVAGAARVVNKALGEDDETKAGSAASRLVRLIINMKG
 MRHVGDINDTVRAYLDEAGGHLIDTPAVDHTLPGFGKGGTGRGSRPQDPGARPPQQLRQAFQTAVVNNING
 MLEGYINNLFGTIERLRETNAGLATQLQARDRELRRAQAGALEREQRAADRAAGGAGRPAEADLLRADY
 DIIDVSKSMDDDTYVANSFQHQYIPAYGQDLERLSRLWEHELVRFCFKILRHRNKQGQETSISYSSGAIAS
 FVAPYFEYVLRAPRAGALITGSDVILGEEELWEAVFKKTRLQTYLTDVAALFVADVQHAALPRPPSPPTPA
 DFRASASPRGGSRSRTRRSRSPGRTPRGAPDQGWGVERRDGRPHARR

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NC_001798

ORF Size: 2034 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_001798.1](#), [NP_044475](#)

RefSeq ORF: 2034 bp

Locus ID: 1487346

MW: 74.9 kDa