

Product datasheet for **VC100793**

UL6 (NC_001806) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL6 (NC_001806) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL6
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 VC100793 represents NCBI reference of NP_044607 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACAGCACCCGAAGCCGAGCACCTACAACCCGAGCACGCGGGACACGGAAGCACTTTGCAGTCCCG
AAGACGGCTGGGTTAAGGTCCACCCATCACCCGGTACCATGTTGTTTTCGCGAAATTCGCACGGTACAGT
GGGCTACACTGAGGGACAAGGGTTTACAACGTCGTCGGTCCGATCCGAAGCCACAACCTCGGCAGCTGCAA
GCTGCCATTTTTACGCTCTGCTGAACGCGACAACCTATCGGGATTTGGAAGCAGACTGGCTCGGGCATG
TAGCCGCCCGGGCTGCAGCCCCAGCGGCTGGTCAGGCGCTATAGGAATGCGAGGGAGGAGATATTGC
TGGTGTGGCTGAACGGTCTTCGATACTGGAGAAACACACTGAGAACTACTCTGCTGGACTTCGCGCAC
GGGCTGGTCGCTTGTTCGCCCCAGGAGGCCCGTCTGGGCTAGCTCATTCCCAATATATTGATTGGC
TGACGTGCTGGGCTGGTCCCCATCCTTAGGAAACGACAGGAGGGAGGCGTGACTCAGGGGTTGAGAGC
ATTCTTGAACAGCATCCTTACCCGCCAGCTTGCCACCGTTGCCGAGGCGGCAGAGCGCGGGGCT
GGATTCTCGAATTGGCCCTGGCTTTTGACTCAACTCGCGTGGCTGATTATGATAGGGTGTATATCTATT
ACAATCATCGAAGAGGAGACTGGCTCGTCCGAGACCCGATTTCTGGCCAGAGGGGGAAATGCCTTGTGCT
CTGGCCACCCCTGTGGACCGGGGATAGATTGGTGTTCGACTCCCCAGTCCAGCGGCTGTTTCTGAAATC
GTGGCCTGCCACTCCCTGCGAGAATCGCGCATGTGTGTCGGCTGAGAAACACTGCCTCTGTTAAAGTAC
TTCTGGGGCGAAATCCGATAGCGAGCGCGGTGTGGCCGGCGAGCCGGGTGGTGAACAAGGTGCTGGG
AGAAGACGACGAGACAAAGCAGGAAGTCCGCGTCCCCTTGGTGGGTTGATAATCAACATGAAAGGC
ATGCGACACGTGGGAGATATAAACGACACTGTGCGGCTTACCTCGACGAAGCTGGGGGCACTTTGATAG
ACGCCCCAGCTGTGGATGGAACCTCCCCGGTTTTGGCAAGGGCGGAAATAGTCGGGGGAGTCCCGGACA
GGACCAAGGGGGAGAGCACCCAGCTTCGCAAGCATTTTCGACTGCAGTCGTTAATAACATCAACGGA
GTCCTTGAGGGATACATCAATAATTTGTTTGAACAATTGAGCGCTGCGCGAGACGAACCCGGGCTGG
CCACACAACCTCAGGAACGGGACAGAGAGCTTAGGAGAGCCACAGCTGGGGCTTGGAAAGACAGCAGAG
AGCAGCAGATTTGGCAGCCGAAAGCGTTACAGGAGGCTGCGGTAGTCGACCTGCTGGCGCAGACCTGCTG
CGGGCTGATTACGACATCATAGATGTCAGTAAATCCATGGACGACGACACATACGTAGCGAACAGTTTCC
AGCATCCATATATCCCTCCTATGCTCAGGACCTGGAGCGACTGTCACGCTTGTGGGAACACGAGCTTGT
CCGATGTTTCAAGATCCTGTGTCACCGAACAATCAGGGGCAGGAGACCAGTATTTCTATCCAGCGGT
GCCATTGCAGCCTTTGTGCTCCATACTTTGAATCCGTGTTGAGGGCTCCTCGGGTGGGGCCCCCTATCA
CAGGGTCCGATGTGATACTTGGAGAGGAAGAACTCTGGGATGCCGTGTTCAAAAAGACCCGGTTGCAGAC
GTATCTGACCGACATTGCTGCACTCTTCGTCGCGGATGTTTCAGCATGCGGCGCTTCCCCCCCCCTCTTCC
CCAGTTGGAGCTGACTTTTCGGCCCGGCATCTCCTCGCGGTAGAAGTCGGTCACGCAGCCAGGCCGAA
CCGCACGAGGAGCACCAGACCAAGGAGGAGGAATCGGACACAGGGACGGGAGGCGCACGGGAGACGA

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100793 representing NP_044607
 Red=Cloning sites Green=Tags

MTAPRSRAPTTRARGDTEALCSPEDGWVKVHPSPGTMLFREILHGQLGYTEGQGVYNNVRSSEATTRQLQ
 AAIHFHALLNATTYRDLEADWLGHVAARGLQPQLVRRYRNAREADIAGVAERVFDWNTLRITLLDFAH
 GLVACFAPGGSPGSSFPKYIDWLTCLGLVPIILRKRQEGGVTQGLRAFLKQHPLTRQLATVAEAAERAGP
 GFFELALAFDSTRVADYDRVYIYNNHRRGDWLVRDPI SGQRGECLVLPPLWTGDRLVFDSPVQRLFPEI
 VACHSLREHAHVCR LNTASVKVLLGRKSDSERGVAGAARVVNKVLGEDDETKAGSAASRLVRLIINMKG
 MRHVGDINDTVRSYLDEAGGHLIDAPAVDGTLPFGFGKGNRSRGSAGDQDQGRAPQLRQAFRTAVVNNING
 VLEGYINNLFGTIERLRETNAGLATQLQERDRELRRATAGALERQQAADLAAESVTGGCGSRPAGADLL
 RADYDIIDVSKSMDDDTYVANSFQHPYIPSYAQDLERL SRLWEHELVRFCFKILCHRNNQGQETSISYSSG
 AIAAFVAPYFESVLRAPRVGAPITGSDVILGEEELWDAVFKKTRLQTYLTDIAALFVADVQHAALPPPPS
 PVGADFRPGASPRGRSRSPGRTARGAPDQGGGIGHRDGRDGRR

TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NC_001806

ORF Size: 2028 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_001806.1](#), [NP_044607](#)

RefSeq ORF: 2028 bp

Locus ID: 2703429

UniProt ID: [P04413](#)

MW: 74.1 kDa