

Product datasheet for **VC101246**

UL56 (NC_006273) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL56 (NC_006273) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL56
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101246 represents NCBI reference of YP_081515 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGATGAATCTGCTGCAAAAGCTGTGCGTGGTGTGTAGCAAATGCAACGAATACGCCATGGAACCTG
AATGTCTGAAATATTGTGACCCTAACGTGCTTCTCGCAGAGTCAACTCCATTTAAGAGAAAACGCAGCTGC
CATAGTATACCTGTACCGGAAGATCTACCCAGAGGTCGTAGCTCAGAACAGAACACAGTCTAGCCTCCTC
ACCCTGTACCTGGAAATGCTTCTGAAAGCACTGCATGAAGACACAGCTCTCCTCGATAGGGCACTGATGG
CTTATAGTCGGCAACCTGACAGGGCGCCCTTATCGAACGGTTCTGCGACTGGACCGGTGTGACCGGCA
CCACACCGTCGAGTTGCAGTTCACAGACAACGTGCGCTTCAGTGTGTCTTTGCCACACTCAACGATATC
GAACGCTTCTGTGAAGATGAAGTATGTATACGGTATCCTGGCACCCGAAGCAGGACTTGAAGTCTGCC
CTCAGCTCCTGGAGCTGTTGAGAAGACTGTGCGGAATCAGTCTGTGCGCCGCCAGGAAGTGTATGTGGA
AGGGACTACCTGTGCCAGTGTATGAGGAACTACCATCATCCCAACAGGGCAGATCCCTCAACAAG
CGACTTCAGGGACTCCTGTGCAATCACATAGCTGTCCACAGGCCGTCTCCAGTCCGACGTAATATAC
AGACCGTGGAGCAGGATCTGCTGGATCTTACAACCTCGGATTCACACCTGGCAGGGGTGCTTTCAGCATT
GAAGTCACTCTTTAGCTCCAGCTCTGCCTACCATAGCTATATACAGGAGGCCGAGGAGGCTCTGCCGGAA
TACAACCTCTTTACCGATATCCCGAAAGGATCTACAGTCTGTGACAGTTCACCTACTGGTCACGCACTA
GTGAGGTGATCGTTAAGAGAGTGGGGATAACCATCCAACAGTTGAACGTTTACCACAGTGTGCCGGGC
ACTTATGAACGGGATCAGCCGCCACCTGTACGGGGAGGATGTGAGGACATTTTCGTGCTCGGAGAAAAG
GCTCTGGACGGGAGGAAAGAATGTTTCGTGGCTCTGTCTTCGCTGCCCCCAACAAGAATCATAGACCTGA
TTACATCCTTGTCAATCCAGGCTTTCGAGGACAATCCAGTGTTAATAAGCTGCATGAGTCTAATGAAAT
GTACACAAAAATCAAGCACATATTGGAAGAGATACGCCGCCACTCCCTGACGGCACTGGAGGTGACGGA
CCCGAGGGCGAGGTGATACATTTGCGAGGACGCGAAGCAATGAGTGAACCGGAACCACTCTTATGACTG
CCTCCAACCTCCTCAATTCTTCCACACACTCCCAAGAAAATAACGGAGGGGGCGGAGAGCAAGAGGCGG
CGGTAAAAGGCTGTGGGCGGGGAGCAATGGGCAGGACGGTACGGAAGTGAACCGGACTGCCGGGTG
AGAACTGTGATGAGCATGAAGCTCTGACTTGGTGGACGCCAGATCCCGAATTCATAACGTCACCTCGG
AGGTGAACGTCCGAAAGAGAGCCTATTTGCAGAAGGTGTCTGAAGTGGGTATGGAAGGTTATACGATG
TATAAAGACACAAGAGAGGCTTACCAGTAAGCTCATTGATGTGAACCTTGTGCGCCCTGTGCCTTGAT
TTCATCAGCAAACCTGATGAATGGTTTTTGTACCGGAGCCAGTACCATCAGGATCAGGACGTCGTTGACG
TTGGCAATCAGTTTACTTATGACGAACACCTGTATGTCGTGAATAATTTGATTCAACAAGAGTCTCCCGGT
GGAGTCTTGGCACTTCTCGGCCAGCAAATCTATGAACGTGTAAATGGCCCACTGTTTACGCACTGCACA
GATAGATATCCACTCAGCCACAATGTTGATATGGCCTATGCTTGGCATAACGCGGGTGTCTTCCGCATG
TAAAGGATGACTTGGTTAAATGTGCTGAAGGCACCGTGTACCCAGCGAATGGATGGTCGTTAAATATAT
GGGTTCTTCAATTTCTCCGACTGTGAGGATCTGAATGTGTTGCAGAAAGAGATGGATGCATGTTCCG
GAACTGGTTCTCAGCGTTGCGCTGTACAACGAGACGTTTGGTAAGCAGTTGTCCATCGCTTGTGTTGAGAG
ACGAACCTCCATCCCGACCGGGACGTGATCCTTACCTATAACAAGGAGTGGCCACTGCTGCGGCATGA
GGGCTCTCTACAATCTAAGGATCTGTATCTGCTTTTGTATCGGCATTTGAGCAGGCCAGATGAGAGC
GGGACGTCGCAACCGCACCCGTCGCAAAACCATCAACTTTGACAGCAGCAGCGCGGTTAGTGGAGCCT
TTAGGGAACCCGATCGGCCATGGCTGCCGAGCCCTATCCGTCCTCCAGTACTGCCGCGCTCTCTCGCAG
AGTGAGGGCTACAAGGAAAAGACCCAGGCGGGCTCATCACTGTTGGACCTGGCCCGCAGCAGCACGGA
ATACAGGATCTCGTCCCTGGATCCCTTCGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

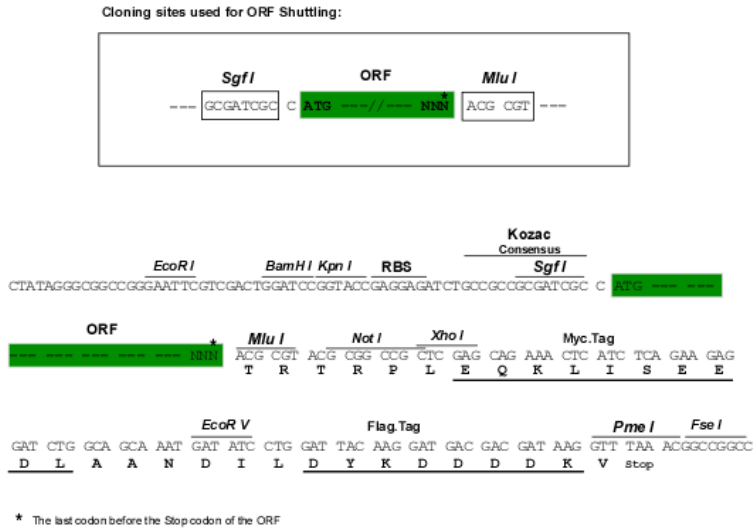
Protein Sequence: >VC101246 representing YP_081515
Red=Cloning sites Green=Tags

MEMNLLQKLCVVCSCKNEYAMELECLKYCDPNVLLAESTPFKRNAAAIVYL YRKIYPEVVAQNRTQSSLL
TLYLEMLLKALHEDTALLDRALMAYSRQPDRAAFYRTVLRDRCDRHHTVELQFTDNVRFVSVSLATLNDI
ERFLCKMNYVYGILAPEAGLEVCAQLLELLRRLCGISPVARQEVYVEGTTCAQCYEELTIIPNQGRSLNK
RLQGLLCNHIAVHRPSSQSDVNIQTVEQDLDLTTTRIPHLAGVLSALKSLFSSSSAYHSYIQEAEEALRE
YNLFTDIPERIYSLSDFTYWSRTSEVIVKRVGITIQQLNVYHQLCRALMNGISRHLYGEDVEDIFVLGEK
ALDGEERMFVGSVFAAPNRIIDLITSLSIQAFEDNPVFNKLHESNEMYTKIKHILEEIRRPLPDGTGGDG
PEGEVIHLRGREAMSGTGTTLMTASNSSNSSTHSQRNNGGGGRARGGKAVGGGANGQDGDGSENGLRV
RNCDEHEALDLVDARSRIHNVTREVNVRKRAYLQKVSEVGYGKVICIKTQERLTSKLIDVNLVGPLCLD
FISKLMNGFLYRSQYHQDQDVVDVGNQFTYDEHL YVVNNLIHKSLPVESLPLLGGQIYELCNGPLFTHCT
DRYPLSHNVDMAYACDNAGVLPVHKDDL VKCAEGTVYPSEWVVKYMGFFNFSDCQDLNVLQKEMMMHVR
ELVLSVALYNETFGKQLSIAACLDELHPDRDVILTYNKEWPLLLRHEGSLYKSKDLYLLL YRHL SRPDES
GDVPTAPVAKPSTLTAAA AVSGAFREPDRPWLPSPYSSSTAGVSRVRATRKRPRRASSLLDLARDEHG
IQDLVPGSLR

TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NC_006273

ORF Size: 2550 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_006273.2](#), [YP_081515](#)

RefSeq ORF: 2550 bp

Locus ID: 3077457

MW: 95.8 kDa