

Product datasheet for **VC101218**

UL27 (NC_006273) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL27 (NC_006273) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101218 represents NCBI reference of YP_081486 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAATCCAGTGGACCAGCCTCCCCGCCCGCTGACGCAGCAGCCTGAGGAGCAGGCCAAGGAGGATC
ATGATGACGGCGATGAAAGATTGTTTAGGGACCCCTTGACAACGTACGAGTATCTCGATGACTGCAGGGA
TGATGAGGAGTTCTGCCACCAATCCTGCGCGCATACCTGACACCCATCCGCAATCGGCAGGAGGCCGTA
CGAGCTGGCCTTCTGTGCAGAACCCAGAGGATCTGGCGGCCCGGGGCCAGAAGCGAAAAACGCCAG
CCCCAAGCATCCCAAACATGCCATGGTCTACATCAGGCGCTCATGCCTCGTGCATTCTGCCTGCCAC
CGCGCACGGCAAATACGACATTAGGGCCCTTACGCTGAAAGTGTCTTGCAGTATGGGCGGCCCTCAGG
GGAGTGCCTCTCCACCGGACCCACAGCACTTTCGCTGGCTAACGCTGGTGCATTACAGCGATTGGTGC
ATGAGGCGCAATACCTGCCGGAGATCAGTAGAGCCGCCAAGAGAATCGCTCTGGCAGTTGCGACAGGCCA
GTACGTAGTGTGCACACTTCTGGACTATAAGACGTTTCGGCACTAGAACCCACTACCTGCCGAGCTTTGC
TCAATGACCGAAGAACTCTATCTCCGCCTTGACGGAACCTGTGTCTGTTTTGGAGCCTGAAGAACGAG
AGCTGATCGGACGCTGCCTGCCAGCAGCTTTTGCAGGGGGCTTCCGGTGAAGTACCGGACTCACCGGGC
CGCAGTGTTTTTCCACGCAACCTTATGGCCCGCCTGAAGCCGCTGAAAGATCTGTACGCGGCCCTT
TGTGAGTGCGGGATGGCCGCGACGCGGGGCAACCAATGTTAATTACGGAGGAGGTGACCACTCAA
GTCTCAGTCCCTCTGCCGTTGCTAGTCATCATAGTCGCTGGAACATGCAGAATTGAGACTCGAACGCAA
TAGGCACCTCGGGCCTTCACTTGCAGCTATCCGCCATCTGACAGCCGGGACGTTGCAAGGGTCCAG
GATAGTGTATCACGGGATTTGGGATTTGCAGATTGGAGCCAGACTTGGTGGACGACTACTTCTGCTCC
CAGCAGGATGGCCTGCGCTAATCCGAGGCGAGGTACGCCATGTACCTTGCTTCAAATGCCGTGCTTGC
CCTGCGGATCATTAGATTGCTTAGAGCTAGCATCCGCCAGAGTATACCGCTGCATTCCGATGTTGTCC
GGCGATGTCCAGAGGCTTATCAGACTGTTCAAAGGAGAAGCTGCCCTGCTGCGAAAGGGACTCGCCAGA
ACCCCGTTCAGAGACGAGAGCTGAGTCGCTTCAGGAAGCAGTACATGATCTGAAGAGAATTAGATTAC
AGAGGATACCTTCGTTGAACTTTTTGTGATTTCTCGAGCTCGTACAACGCATACCTGATTACAGATCC
GTGTCTCTTAGGATTAAGCGGAGCTGCTTGTCTCCAGTCTTAAAGCTGAGACGGGGATGCCGAGCAC
CGCCAACACCAGAAGCCGTACGAGTGCAGAGACTGCTCTGGCACAGCCTCAGACACGGGGACGCTCCACA
AGACAGAACACGCTCCCAATTCAGTCCGCCCTGTGATGCAGAAGTGAAGTAAACATGCCAACCGA
TGTCCGGCGAAGGCACCACTGGAATTGGGACCGCGGTGGTGGCTGCTCCCGACCCAGTGTGAGGTACC
GCGCGCATCCAGAAGTTTGAAGGTTGCACGTGCGCAGGTTACAGCCCATGAAGTGGGTGGCCATGC
TACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101218 representing YP_081486

Red=Cloning sites Green=Tags

MNPVDQPPPPPLTQQPEEQAKEDHDDGDERLFRDPLTTYEYLD DCRDDEEFCHQFLRAYLTPIRNRQEA
RAGLLCRTPEDLAAAGGQKRKTPAPKHPKHAMVYIRRSCLVHSACATAHGKYDIRGLTLESDLAVWAALR
GVPLPPDPQHFRWLNAGAFRRLVHEAQYLPEISRAAKRIALAVATGQYVVCTLLDYKTFGTRTHYLRLC
SMTEELYLRLDGTLCLEPEERELIGRCLPAALCRGLPVKYRTHRAAVFFHATFMARAEALKDLAAAF
CECGDGRDDGGNHNGNYGGDHSSLSAVASHHSRLEHAELRLERNRHLGAFHLP AIRHLTAGDVARVQ
DSVSRDLGFADWSQTLVDDYFLLPAGWACANPRRGYAMYLASNAVLALRIIRLLRASIRHEYTACIRMLS
GDVQRLIRLFGEAALLRKGLAQNPVQRREL SFRKRVHVDLKRIRFTEDTFVETFCDFLELVQRI PDYRS
VSLRIKRELLCLHVFKLRRGCRAPPTPEAVRVQRLWHSLRHGDAPQDRTRL PQFSSALSDAELSNHANR
CRRKAPLELGPVVAAPGPSVRYRAHIQKFERLHVRRFRPHEVGGHAT

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_006273

ORF Size: 1824 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_081486](#)

RefSeq ORF: 1824 bp

Locus ID: 3077449

MW: 69.1 kDa