

Product datasheet for VC101209

UL18 (NC_006273) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL18 (NC_006273) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101209 represents NCBI reference of YP_081477 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGACTATGTGGTGCCTCACACTGTTTGTCTTGTGGATGTTGCGGGTGGTGGGAATGCACGTCCTCA
GATATGGGTACACCGGAATCTTTGACGACACCAGCCATATGACTTTGACGGTGGTGGGGATTTTCGATGG
ACAGCACTTCTCACTTATCACGTTAACTCTCCGATAAGGCTTCTCACGGGCGAACGGCACCATCTCC
TGGATGGCAAATGTAAGCGCCGCATACCCAACCTACCTTGATGGCGAAAGAGCGAAAGGCGACCTCATTT
TTAACCAGACAGAACAGAACCTGCTCGAGTTGGAGATAGCACTTGGTTACCGGTCTCAGAGTGTGCTCAC
ATGGACCCATGAATGTAATACTGAGAAATGGTTCATTTCGTCGCGGATATGAAGGGTTCGGGTGGGAT
GGTGAACCGTGTGGAACCTCAAAGACAATCTGACCTTGTGGACGGGACCTAATTACGAGATCAGCTGGC
TCAAACAGAACAAAACCTTATATCGACGGTAAAATCAAAAATATATCTGAAGGAGACACCACCATCCAGCG
AAACTATCTTAAGGGAAATTGCACTCAGTGGTCTGTCTATAGCGGTTCCAGACGCCGTGACCCAT
CCAGTCGTGAAAGCGCGCTCCGAATCAAATGATAATAGGGCAGAAGCCTTCTGTACGAGTTATGGGT
TCTTCCCGGGAGAAATTAATAACCTTTATCCACTACGGCAATAAAGCGCCAGATGACAGCGAGCCACA
GTGAACCCACTTCTGCCACTTTTACGGCCTTTCCATCAAGGCTGCTATGTTGCAATATTTTGAAT
CAGAACTACACATGCCGGTTACCCACGGCAACTGGACCGTGAAATCCCTATTTCCGTGACTAGTCCAG
ATGATTCAAGCAGTGGGAGGTACCCGATCATCAACCGCAACAAAAGATACAATAACAATGACCATCTC
TAGCGTGTGCTCGCTCTGCTTCTGTGTCTGCTCTTCCGCTTCTTGCCTATTTTACTACTTTGAAG
CAATACCTGCGAAACCTGGCATTTCGTTGGCGCTATAGAAAGGTGCGCTCCTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >VC101209 representing YP_081477
 Red=Cloning sites Green=Tags

MMTMWCLTLFVLWMLRVVGMHVLRYGYTGIFDDTSHMTLTVVGI FDGQHFFTYHVNSSDKASSRANGTIS
 WMANVSAAYPTYLDGERAKGDLIFNQTEQNLELEIALGYRSQSVLTWTHECNTTENG SFVAGYEGFGWD
 GETLMELKDNLTLWTGPNYEISWLKQNKTYIDGKIKNISEGDTTIQRNYLKGKCTQW SVIYSGFQTPVTH
 PVVKGGVRNQNDNRAEAFCTSYGFFPGEINITFIHYGNKAPDDSEPQCNP LLPTFDGTFFHQGCYVAIFCN
 QNYTCRVTHGNWTVEIPIISVTSRDDSSSGEVPDHPHTANKRYNTMTISSVLLALLL CALLFAFLHYFTTLK
 QYLRNLAFAWRYRKVRSS

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_006273

ORF Size: 1104 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_081477](#)

RefSeq ORF: 1104 bp

Locus ID: 3077466

MW: 41.7 kDa