

Product datasheet for **VC101268**

UL88 (NC_006273) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL88 (NC_006273) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL88
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101268 represents NCBI reference of YP_081536 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGGAGGCCCTGCAGCTGCCGCCGCTGCATTCCGGCCCGAGGAGAGACCCACCCCTGGCTGGCATG
 ACGCTGCCTGCTCATGGATGACGGGACCGTGCGGGAACACGCCTTTCGGAACGGCCACTGAGCCAAC
 CATCAGACGGGTCTGCCCCCCCCCCGACGCTGAGGATGATGTCGTGTTCCGACGAGCTGTGCTTC
 TACTGCAGCGGACGGTTCAACCGCGGTCCAGCGTGTTCAGCATCTACTGGCAGAAGCACTCCGACCTCG
 TGTACGCCCTCACAGGCATCACCACTGTGCCAAGCTGGTGGTCGAGTGCGGGCAGCTCGGGTCCAGCCG
 GCTGCGGTGGCGGACGGCGACGCCAGCGGGGAGGAGAGACGGGGCGATGACGACTCCCGGGACGAGCTG
 TACGACGTCGCCGCATCTATATGATTCGGGTGAACGACGGCGGAAGCACCGGCCAAGACAGTGTATCT
 GGCCCGGCACAAGCGTGTGTGGCCCCGACGTTGGTATCACCACTGCAGCGCGGATCAGCGCTGC
 CCGGGCCCTCGTGAACACCTCCGGCAGTACTTCTTCTGCTGGAGCGGGGAGCCACGAAGAGCTGGTG
 CTGTGCCCCCCGAGATGGAGGAGCGGCTGGCCCCACTGCTGCAGTCCGCCACCCGGGGGACAGCGACA
 TGTTTCAGCGGGTGGTCGCCAGCGCCTACCACAGACTGCGGATGAGCAACATTCCCCGGTCCAGCGCCC
 GCTGCTCGAACACTGCGTCGGCTCGCCGGCGCAAGAAGCTGCTGCTCGATGTGCCACGGCTGGAG
 AACTACTTCTGTGCCAGGTGTGCTGTACGAGCTCGACGAGGACGAAATGGGCGAGGAGATGCTGGGCA
 TGCTCGCCGGCAAGCCGAGGACGCCGCGTGAAGCGGAGCCTCCGGCGGGTCTCTCTGCACCGGAAGAC
 CATGAAGCTGGCCGCTGCTGTGCTGCTCAACTCCCTGCACCTGCACCAGGAGCCCTCGAGGCA
 CTGGACCCCCCCCCCCGGGTGGAGGAGAACGACCTGGTCAATGTGGTGTGCGGCGGTACTACCGGA
 GCCACGGCGGGTCCAGGCCGACCCTCGCCGCGCCGGGCCCTGCTGGCCGACTATGCCGAGACCTT
 CAGCCCCCTGGGCTCCTTACCGGCTCGGCTACGACCGGCTCGTGAAGCAGACGCCGAGTGTCCCG
 CGGCATCTGGTGGCACTCTGAGAGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101268 representing YP_081536
 Red=Cloning sites Green=Tags

MMEAAAAAAAAFRPEERPTPGWHDAAALLMDDGTVREHAFRNGPLSQLIRRVLPPPPDAEDDVVFASELCF
 YCSGRFNRRSSVFSIYWQKHSDLVYALTGITHCAKLVECGQLGSSRLRWRDGDASGEERRGDDDSRDEL
 YDVPGIYMIRVNDGGSTGPRHVIWPGTSLWAPDVVITTVQRRISAARALVNTFRQYFLLERRSHEELV
 LCPPEMEERLAPLLQSATRGDSDFGVDVAVSAYHRLRMSNIPRSSARLLEHCVGLAGAKLLLLLDVPRLE
 NYFLCQVCLYELDEDEMGEMLGMLAGKPEDAAVSGASGGFLLHRKTMKLAACLCLLLNSLHLHQEALEA
 LDPPPPRVEENDLVNVVLRYYRSHGGVQARTLAAARALLADYAETF SPLGSFTRLGYDRLVSADAGVSR
 RHLVALLRA

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NC_006273

ORF Size: 1287 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_081536](#)
RefSeq ORF: 1287 bp

Locus ID: 3077509

MW: 47.7 kDa