

Product datasheet for **VC101269**

UL89 (NC_006273) Virus Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | UL89 (NC_006273) Virus Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | UL89 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101269 represents NCBI reference of YP_081537 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGCGGGGCGACAGCGCCGCAAGATCCAGGAGAGATATGCAGAGCTGCAGAAACGGAAAAGCCACC
CAACCAGCTGTATCAGCACCGCATTTACCAATGTGGCCGCACTGTGCCGAAACGGTACCAGATGATGCA
CCCTGAGCTGGGCTGGCTATTCTGTAAACGAAGCCTTTCTCCCCTCATGGCCTTTTGCAGGACGGCAC
CGGGATTACAACAGCCCTGAGGAGTCCCAGCGGGAGCTCCTGTTTACGAGAGACTCAAAAGCGCACTCG
ACGAACTGACTTTCCGGCCCTGCTCCGAGGAGCAGCGGGCTTCTACAAAAGCTCGACGCCCTGACCGA
GCTGTATAGAGACCCCAAGTCCAACAGATCAACAACCTCATGACCGACTTCAAGAAATGGCTGGACGGC
GGTTCTCCACCCTGTGGAGGGCGACGCCAAGGCCATTCCGGCTGGAACCTTCCAAAAAACCTGCTGA
TCCACGTGATTTCTTTATTGCCGTGACAAAATCCCTGTGCTGGCCAACCGGTCTCCAGTATCTGAT
CCACGCCTCCAGATCGATTTCCCTGAGCCAGACCTCCATCGACATCTTCAAGCAGAAGGCCACCGTGTTC
CTCGTGCCCCGGCGGCACGGGAAAACCTGGTTCATCATCCCATCATCAGCTTCTGCTGAAGCAGATGA
TCGGCATCAGCATCGGCTACGTGGCCACCAGAAGCAGCTGAGCCAGTTCGTGCTCAAGGAGGTCGAGTT
CCGGTGCCGGCATACTTCGCCCGGACTACGTGGTTCGAGAACAAGGACAACGTATCAGCATCGACCAC
CGGGGCGCCAAAAGCACTGCCCTGTTTCGCTAGCTGCTACAACACCAACAGCATTCCGGGGGAGAAGTTCC
ACCTGTGCTCGTGGACGAGGCCACTTTCATCAAGAAGGAGGCCCTTCAACACCATCTGGGCTTCTGGC
CCAGAACAACAAGATTATCTTCATCAGCAGCACTAACACCACCTCCGACGCCACCTGCTTCTGACC
CGGCTCAACAACGCCCTTCGACATGCTGAACGTGGTGGAGCTACGTGTGCGAGGAGCACCTGCATAGCT
TCACCGAAAAGGGGACGCCACCGCCTGCCCTGCTACCGGCTGCACAAAACCAACCTTTATCAGCCTCAA
CAGCCAGGTGCGGAAGACCGCTAACATGTTTCATGCCCGCGCCTTCATGGACGAAATCATCGGCGGCACC
AATAAAATCAGCCAGAACACCGTGTGATCACAGACCAGAGCCGGGAGGAGTTTGACATCTGCGGTATT
CCACCCTGAACACCAACGCCTATGACTACTTCGGCAAGACCCTTACGTCTACCTGGACCCCGCATTAC
CACCAACCGGAAGGCAAGCGGCACCGGAGTGGCCGCCGTCCGGCCTACCGGCACCAGTTCTGATCTAC
GGGCTGGAGCACTTCTTCTGCGGGACCTCTCCGAGTCCAGCGAGGTCCGCAATTGCCGAGTGCGCCGCC
ACATGATCATCAGCGTGTCTCAGCCTGCATCCCTATCTCGACGAGCTCGGATCGCCGTGAAAGGGAAC
CAACCAGGCCCGCCGTCGGATCGCCTGCCTGATCCGGCAGAGCGTGCAGAGCAGCACCTCATCCGG
GTGCTCTTCTACCACACCCCGACCAGAACACATCGAGCAGCCATTCTACCTGATGGGCCGGGACAAGG
CCCTGGCCGTGGAGCAGTTCATCAGCCGGTTCAACAGCGGGTACATCAAAGCCAGCCAGGAGCTGGTGG
CTACACCATCAAGCTCAGCCACGACCCCATCGAGTACCTGCTGGAGCAGATCCAGAACCTCCACCGGGT
ACCCTGGCCGAGGGCACCCCGCCGGTACAGCGCAAGCGGCAGAACCGGATCAGCGACGACCTCATCA
TCGAGTGATCATGGCCACCTACCTGTGCGACGACATCCACGCCATCCGGTTCGGGTGAGC

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

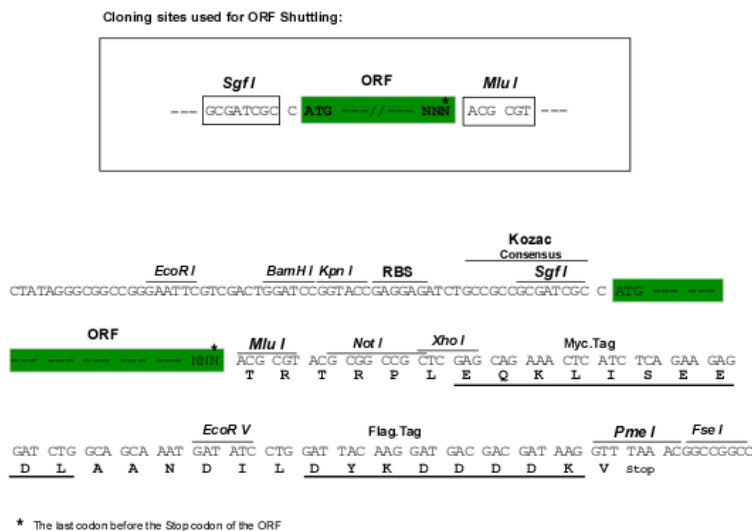
Protein Sequence: >VC101269 representing YP_081537
 Red=Cloning sites Green=Tags

MLRGDAAKIQERYAELQKRKSHPTSCISTAFTNVAALCRKRYQMMHPELGLAHSCEAFLLPLMAFCGRH
 RDYNSPEESQRELLFHERLKSALDELTFRPCSEEQRASQKLDALTEL YRDPQFQQINNFMDFKKWLDG
 GFSTAVEGDAKAI RLEPFQKNLLIHVIFFI AVTKIPVLANRVLQYL I HAFQIDFLSQT SIDIFKQKATVF
 LVPRRHGKTWFI IPIISFLLKHMIGISIGYVAHQKHSQFVLKEVEFCRHTFARDYVVENKDNVISIDH
 RGAKSTALFASCYNTNSIRGQNFHLLL VDEAHFIKKEAFNTILGFLAQNTTKIIFISSTNTTSDATCFLT
 RLNNAPFDMLNVVSYVCEEHLHSFTEKGDATACPCYRLHKPTFISLNSQVRKTANMFMGAFMDEIIGGT
 NKISQNTVLITDQSREEFDILRYSTLNTNAYDYFGKTLVYVLDPAFTTNRKASGTGVAAVGAYRHQFLIY
 GLEHFFLRDLSESSEVAIAECAAHMII SVLSLHPYLDELRIAVEGNTNQA AAVRIA CLIRQSVQSSTLIR
 VLFYHTPDQNHIEQP FYLMGRDKALAVEQFISRFNSGYIKASQELVSYTIKLSHDP IEYLLLEQIQNLHRV
 TLAEGTTARYSAKRQNRISDDL IIAVIMATYLCDDIHAIRFRVS

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_006273

ORF Size: 2022 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_081537](#)

RefSeq ORF: 2022 bp

Locus ID: 3077553

MW: 77.0 kDa