

Product datasheet for **VC100869**

UL5 (NC_001798) Virus Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | UL5 (NC_001798) Virus Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | UL5 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide
Sequence:

>The Viral ORF clone VC100869 represents NCBI reference of NP_044474 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGCCTCCGGAGGCGAGGGCAGCAGGGACGTAAAGGCTCCCGACCTCCGCTCAACAGCCAGGTG
CCAGACCTGCAGTGAGATTCCAGAGATGAGGCTTTTTTGAACCTTACCTCCATGCACGGAGTCCAGCCCAT
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TAACAGGAAACGCTGGGAGTGGGAAATCCACCTGCGTGCAAACCTGAACGAAGTCTGGACTGCGTGGT
GACCGGAGCGACTCGCATTGCAGCACAGAACATGTACGTCAAACCTAGTGGCGCATTCTCAGTAGGCCG
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ATACACTGGCCTCCTCCCCGCTCCCTCGAAGATTTGCAGAGACGGGACCTGACATACTACTGGGAGGT
GATCCTTGACATCACTAAGAGAGCCCTGGCCGCCACGGGGGAGAAGACGCTAGAAATGAGTTCCATGCG
CTCACCGCCTGGAACAGACCCTGGGATTGGGACAGGGAGCCCTTACCCGCTGGCATCTGTGACTCACG
GAGCTCTGCCGGCTTTCACAAGAAGCAACATTATAGTTATAGATGAGGCCGGTCTGCTGGGGAGGCCCT
CCTGACTACAGTAGTGTACTGTTGGTGGATGATTAACGCTCTGTACCACACACCAGTACGCCGGTAGA
TTGCGCCTGTTCTGGTATGTGTGCGGTCTCCGACACAGACAGCCTCCCTTGAGTCTACATTCGAGCATC
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CTGGACGTCATTTTGGCCGCTGGACGAACAGCAGTTGGACGTTTCTATTGTCATTACGCCCTGGAGG
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ACAACCAGCTCCGAGTTTCTGCACATGAATCTGAACCCCTGCGAGAGAGACACGAGAGGGACGATGTGA
TAAGTGAACATATACTTTCAGCTCTGAGAGACCCGAATGTGTAATCGTCTAT

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100869 representing NP_044474
 Red=Cloning sites Green=Tags

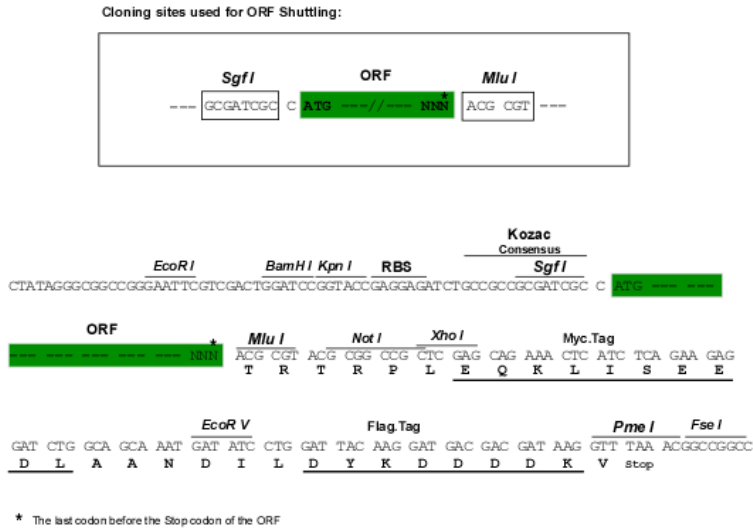
MAASGGEGRDVRAPGPPPPQPGARPAVRFDEAFNFTSMHGVPPIIARIRELSQQQLDVTQVPRLQWF
 RDVAALVPTGLPLREFPFAAYLITGNAGSGKSTCVQTLNEVLDCVVTGATRIAAQNMYVKLSGAFLSRP
 INTIFHEFGFRGNHVQAQLGQHPYTLASSPASLEDLQRRDLTYWVEVILDITKRALAAHGGEDARNEFHA
 LTALEQTLGLGQALTRLASVTHGALPAFTRSNIIVIDEAGLLGRHLLTTVVYCWMMINALYHTPYAGR
 LRPVLVCGSPTQTASLESTFEHQKLRCSVRQSENVLYLICNRTLREYTRLSHWAIFINNKRCEHEF
 GNLMKVLEYGLPIITEHMQFVDRFVVPESYITNPANLPGWTRLFSSHKEVSAYMAKLHAYLKVTREGEFV
 VFTLPVLTFVSVKEFDEYRRLTQQPTLTMEKWITANASRITNYSQSQDQDAGHVRCEVHSHKQQLVVARND
 ITYVLSQVAVTARLRKMVFGFDGTFRTFEAVLRDDSFVKQTGETSVEFA YRFLSRLMFGGLIHFNFLQ
 RPLDATQRTLAYGRLGELTAELLSLRDAAGASATRAADTSRSPGERAFNFKHLGPRDGGPDDFDDDD
 LDVIFAGLDEQQLDVFYCHYALEEPETTAAVHAQFGLLKRAFLGRYLILRELFGEVFEVSAFSTYVDNVI
 FRGCELLTGSPRGLMSVALQTDNYTLMGYTYTRVFAAEELRRRHATAGVAEFLEESPLPYIVLRDQHG
 FMSVVNTNISEFVESIDSTELAMAINADYGISSKLAMTITRSQGLSLDKVAICFTPGNLRNSAYVAMSR
 TTSSFLHMLNPLRERHERDDVISEHILSALRDPNVVIVY

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



| | |
|-------------------------------|---|
| ACCN: | NC_001798 |
| ORF Size: | 2643 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: | <ol style="list-style-type: none">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_001798.1 , NP_044474 |
| RefSeq ORF: | 2643 bp |
| Locus ID: | 1487338 |
| MW: | 98.9 kDa |