

Product datasheet for **VC101609**

U69 (NC_001716) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U69 (NC_001716) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U69
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101609 represents NCBI reference of YP_073809 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAACAACCAAGACACCTCAGAACCAGAAAACACGCCACGGAAACATGCTGCCCAAGAAGAAGGGAA
AGGAACTCAAGAAACGACCATGTAAGGTTAAGAGGAAGCTGTTCCGGGAGCGAGAACATCAGACCTAATAA
GAAAATCCACTGGCCTCTGATGTTGACAAATGAGCTGGAAAAGAAGAGGGTCTATGATTAGAAAGAGG
TCCGAGACTGACCTTTGTCGACCCAGCGTGACTGATCTGCTGTGCCACGAGTCACTGACAGTGTCTC
CTAAATTTGAGCGGGATGGTCTCAGTCTGCACCGAATTTGAGAACTTCATGGATACTAGAAAAATTTGT
GCTGAGCCGGAATGAGAAGTCCGTCACGGATCTGTCTGCCACTATCCTGTGCTGTGCAATTTGGGTATT
TTTGAGCGCATCCATTCTCGTTTCTTTTTAGTATTCACATTGATACCCAATCCTTTAGTGTGCTGTATG
TGCCCCACAAGGAATCTAGCTGCTCCAGTTTTGTGAGCCGAGAAAAATATGGCAAGGATCTTGGGGTC
AGGATCATACGGAATGGTGTACGACCTGAATAATGTGGCCATCAAAGCTTCAGATGATCTGGAATCCTGC
ATCTCTTCTACGTCTCAGGGTGGTGAGGGCCAAAGCGGGGGCCAGCTGACAAGCAGGGAATGCGTGT
TCAAATCACTGCTTATATGTAACAGCGTTTGTGTTGAACCATAAGATAAGCCTGAGCAAACTTACGATAC
AGACCTTTATAAATTCACAGACTGGAACTTGAGAATGTGCAAACTACTACTCTATATTTTGAATCTC
GCCGAGGCTGTGAGGTTCTGAACATGGTATGCAAAATCAATCATTGCGATATTTCTCTGGCAAACATCC
TGATCCATCACAAGAGGGCATTATTTTGAAGCCGCTCTGGCGGATTACAGTCTTGGCAGGTACATCC
TCAATATAATGGAAGTGTGGCATTGCGCCAGTTCGATCACCGCATCCAGATCGTCCCTAAGAGTTAC
AATAAGCTGTGCGACATGTTCAACCCCGCTTCAGGCCAATGATTGCTCACAAGATAATCCTGGTGGAGG
TTTACGCCGAGTTTGACGGCAAGGGCAACCCCGTGCACATTGCAACCTGGACCTCTGTGCGCTCGCACA
AGTCTTTCTGCTGTGTTATTAGAATGCTTGATGAAAGAGGCTGTAGAGAAGCCAGAAGTACTATGAG
AATCGCTGTTTACCTATAGTAACGAGGCATGCACCCTCAACCAATTAAGTATCCGCTGGAGTACAAGG
ACGCATGTTGCAAGGTGCTGGCTGAGCATCTCGTCTCTTTGGGATCCTTTTCTATCGGGAAGTGGTAGA
TATGTTTGAACCTGTACGATTTCTTGCACGCCAGCGGAGATCTCAGCGTACGCGATTTGCTGGAAGAA
ACCTATGTTAACGACAGCAGGGACGTCCGAAGACAGCCTATACGATACAGACACGCGCAATTGCAGAGAC
ACGAGATTGGGCAGATCCTGCTGAATGACCTGCAGCAGCTTCTAGTATCATTACTATCTCCGACCTCGA
AAAGGACCCTACTCAGTTTTTCGCGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101609 representing YP_073809

Red=Cloning sites Green=Tags

MEQLKTPQNQKTRPRNMLPKKKGKELKKRPCKVKRKLFGSENI RPNKKIPLASDV DNELEKKRGS MIRKR
SETDLC PDPSVTDLLCHESLTVSPKFERDGLSACTEFENFMDTRKIVLSRNEKSVTDLSAHYPVLCNLGI
FERIHSPFLFSIHIDTQSFVSVYVPHKESSCSQFCEPEKNMARI LGSYSYGMVYDLN NVAIKASDDELESC
ISSYVSGVVRAKAGAQLTSRECVFKSLLICNSVCLNHKISLSKTYD TDLYKFTDWKLENVENYYSIFCNL
AEAVRFLNMVCKINHCDISLANIL IHHKEGIILEAVLADYSLAEVHPQYNGKCGILRQFDHRIQIVPKSY
NKLCDMFNPGFRPMIAHKIILVEVYAEFDGKGNPVRHCNLDL CALAQVFLLCVIRMLDERGCREAQKYE
NRLFTYSNEACTLNPIKYPLEYKDACKVLAEHLVLF GILFYREVVD MFENLYDFLHASGDL SVRD LLEE
TYVNDSDRVRQP IRYRHAQLQRHEIGQILLNDLQQLLSIITISDLEKDPYSVFRV

TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NC_001716

ORF Size: 1638 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_001716.2, YP_073809](#)

RefSeq ORF: 1638 bp

Locus ID: 3289527

MW: 62.9 kDa