

## Product datasheet for **VC101480**

### U39 (NC\_000898) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	U39 (NC_000898) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>The Viral ORF clone VC101480 represents NCBI reference of NP\_050220 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTAAAAATGCGGGTGTGGTCTCGGAGTGTCTGATGAACAGTGTCTGATGATTTATTGTGATT  
CCGATGATTATATACGCGCAGGATACAACCACAAATACCCGTTCCGGATCTGCTCTATTGCCAAAGGAC  
AGATCTCATGCGCTTCGACAGGGACATCTCCTGCTCCCCCTATAAGAGTAATGCTAAAATGTCCGAAGGC  
TTTTTATCATATATAAAACAAATATCGAAACGTATACATTCAGTCCAGTCCAGGACCTATAAGAACGAGCTGA  
CCTTTCTACTTCTACAGAGACGTGGGGTGGTGTACTTTCTGGATCGAACGTAATGGGGTTGGCAAT  
GCCTGTTTATGAGGCAAATCTTGTGAACAGCAGAGCCAGTGTACTCCGCCGTGGCCATCAAAGGCC  
GATGGCACCGTGTCTCTGCCTATCACGAAGACAACAATAAAACGAGACACTGGAGTTGTTCCCGCTCA  
ATTTAAGTCTGTGACCAATAAAAGTTTATTACCACTAAAGAACCATACTTTGCTCGAGGCCACTTTG  
GCTGTATAGCACTTCAACTTCCCTGAACTGTATCGTCACTGAGGCCACTGCAAAGGCTAAGTATCCCTTT  
AGCTACTTTGCCCTGACGACGGGCGAAATAGTGGAGGGGAGCCCTTTCTCGATGGTAGCAACGGTAAAC  
ACTTTGCCGAACCCCTCGAAAACTGACCATTTTGGAAAATTATACAATGATTGAAGATCTGATGAACGG  
AATGAACGGAGCTACAACCCTGGTAAGAAAAATCGCGTCTTGGAAAAAGGAGACACATTGTTCAAGTTGG  
GAGATCAAGGAAGAAAACGAGTCCGTGTGCATGCTGAAACACTGGACTACTGTACACACGGCCTGCGCG  
CCGAAACAGATGAGACTTATCATTTTCAATTCAGGAGCTGACCCGAGCATTGTGGCTTCTAAAGAGAG  
CCTGAACCTCACCGATCCAAAACAGACGTGTATAAAAAATGAATTTGAGAAGATCATCACAGATGTGTAC  
ATGAGTACTATAATGACGCTTACTCAATGAATGGCTCTTACCAGATTTTCAAACACAGGGGATTGTA  
TATTGATTTGGCAGCCACTCGTACAGAAAAGTCTGATGGTACTGGAACAGGGCTCAGTTAATTTGAGGAG  
ACGCAGAGATCTGGTGGACGTGAAGAGTAGGCACGATATTCTGTACGTGCAGCTTCAGTATCTGTATGAT  
ACTTTGAAGGACTACATTAATGATGCGCTGGGAAACCTGGCCGAGAGCTGGTGCCTGGATCAGAAGCGAA  
CAATAACCATGCTGCACGAGCTCAGTAAAATTTCTCCGAGCTCCATTGTCTCCGAGGCTATGGAAGGCC  
TATCTCCGCCAACTGCATGGAGACGTTCTCGCTATTAGTAAGTGTATCGAGGTTAACAGTCATCAGTC  
CAGCTGTATAAATCAATGAGGGTGGTGGACGCTAAGGGAGTCAGAAGCGAAACTATGTCTATAACAGAC  
CTTTGGTGACATTTTCTTCTGTAATAGCACACCAGAAGTGGTGTGGGACAATTGGGTCTGCACAACGA  
GATTCTCCTGGGTGATCACCGCACTGAGGAGTGTGAGATCCCCTCTACTAAGATCTTCTCTCCGGAAC  
CAGCCCCACGTTTACACAGACTATACTCACACGAATAGCACCCCATTTGAGGACATTGAGGTTTTGGATG  
CTTTTATAAGACTGAAAATCGATCCACTTGAAAATGCCGACTTCAAACCTGCTCGACCTGTATAGCCCGGA  
CGAACTCAGTAGAGCTAACGTCTTCGATCTCGAGAATATCCTTCGGGAGTACAACAGCTATAAGAGTGTCT  
CTGTATACGATAGAGGCGAAAATAGCTACAAAATACCCCATCTACGTTAACGGCATCAACTCCTTCTCTCC  
AGGGGCTCGGAGCTATAGGCACTGGGCTGGGCTCCGTTATCAGCGTCACTGCAGGAGCGCTGGGTGATAT  
CGTGGGAGGAGTGGTGTGTTTTCTGAAAACCCCTTTGGTGGAGGCTTATGCTGATCCTCGCCATAGTT  
GTTGTGGTGATAATAATCGTGGTGTGTTGTTTCGACAGAAGCATGTATTGAGTAAGCCAATTGATATGATGT  
TCCCGTATGCCACCAATCCTGTTACGACGGTTTCTCTGTACAGGAACGACGGTGGTGAAGACACCTAG  
CGTGAAGGACGCAGACGGCGCACCTCCGTGGCAGTGAAGGAGGAGGAGGGGATGGCAGATGTGTCA  
GGACAAATCTCCGGGACGAATACTCACAGGAGGACGCGCTCAAGATGTTGAAGGCCATCAAATCACTGG  
ACGAGAGCTATAGAAGGAAACCCAGCTCCTCAGAAAAGTACGCGCTCTAAACCCTCACTGATTGACAGGAT  
CCGGTACCGAGGATACAATCTGTTAACGTGGAAGAAGCC

**ACCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101480 representing NP\_050220  
Red=Cloning sites Green=Tags

MSKMRVLFLAVFLMNSVLMYICDSDDYIRAGYNHKYPPFRICSIAKGTDLMRFDLDRDISCSPYKSNAKMSEG  
FFIIYKNTNIETYTFPVRTYKNELTFTPSYRDVGVVYFLDRTVMGLAMPVYEANLVNSRAQCYSAVAIRKRP  
DGTVFSAYHEDNNKNETLELFLPLNFKSVTNKRFITTKEPYFARGPLWLYSTSTSLNCIVTEATAKAKYPF  
SYFALTTGEIVEGSPFFDGSNGKHFAEPLKLTILENYTMIEDLMNGMNGATTLVRKIAFLEKGDTLFSW  
EIKEENESVCMLKHWTTVTHGLRAETDETYHFISKELTAAFVASKESLNLTPKQTCIKNEFEKIITDVY  
MSDYNDAYSMNGSYQIFKTTGDLILIWQPLVQKSLMVLEQGSVNLRRRDLVDVKSRRHDILYVQLQYLYD  
TLKDYINDALGNLAESWCLDQKRTITMLHELKISPSIVSEVYGRPISACLHGDVLAISKIEVNQSSV  
QLYKSMRVVDAKGVRSCTMTCYNRPLVTFVFNSTPEVVLGQLGLDNEILLGDHRTEECEIPSTKIFLSGN  
HAHVYTDYHTNSTPIEDIEVLDAFIRLKDPLENADFKLLDLYSPDELSRANVFDLENILREYNSYKSA  
LYTIEAKIATNTPSYVNGINSFLQGLGAGTGLGSVISVTAGALGDIVGGVVSFLKNPFGGGLMLILAIV  
VVVIVVVFVRQKHVLSKPIDMMFPYATNPVTTVSSVTGTTVVKTPSVKDADGGTSVAVSEKEEGMADVS  
GQISGDEYSQEDALKMLKAIKSLDES YRRKPSSSESHASKPSLIDRIRYRGYKSVNVEEA

TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NC\_000898

ORF Size: 2490 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\\_000898.1](#), [NP\\_050220](#)

**RefSeq ORF:** 2490 bp

**Locus ID:** 1497041

**MW:** 93.1 kDa