

Product datasheet for VC100397

U (NC_001405) Virus Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: U (NC_001405) Virus Tagged ORF Clone

Tag: Myc-DDK
Symbol: U Protein
Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >The Viral ORF clone VC100397 represents NCBI reference of NP_597754 with codon

Sequence: optimized for human cell expression
Red=Cloning site Blue=ORF Green=Tags(s)

Red-Cloning Site Bide-ORF Green-Tags(S)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGAAAATCGTCGGCGCCGAGGGCCAGGAACACGAGGAATTTGATATCCCATTCAAACTGTGGAGAAAGTTTGCTGCAAAACGCCGGCTGAGATATCAAAGCTGGGAGGAGGGCAAGGAAGTTATGTTGAACAAGCTGGA

 ${\sf TAAGGATCTGCTCACAGACTTC}$

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAG**GTTTAA**

Protein Sequence: >VC100397 representing NP_597754

Red=Cloning sites Green=Tags

 ${\tt MKIVGAEGQEHEEFDIPFKLWRKFAAKRRLRYQSWEEGKEVMLNKLDKDLLTDF}$

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



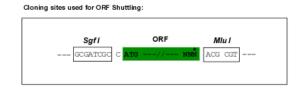
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

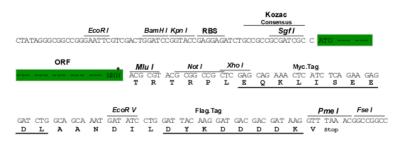
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NC_001405

ORF Size: 162 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

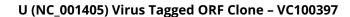
at the bottom.

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 001405.1, NP 597754

RefSeq ORF: 162 bp **Locus ID:** 2653006





MW: 6.6 kDa