

Product datasheet for VC101957

E7 (NC 001531) Virus Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: E7 (NC_001531) Virus Tagged ORF Clone

Tag: Myc-DDK

Symbol: E7

Mammalian Cell Neomycin

Selection:

ORF Nucleotide

pCMV6-Entry (PS100001) Vector:

E. coli Selection: Kanamycin (25 ug/mL) >The Viral ORF clone VC101957 represents NCBI reference of NP_041366 with codon

optimized for human cell expression Sequence:

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGATTGGTAAGGAAGTGACCGTCCAGGACATTATTCTTGAACTGTCAGAAGTACAGCCAGAGGTGCTTC CTGTCGACCTGTTCTGCGAGGAGGAGTTGCCTAATGAGCAGGAGACAGAGGAAGAACCTGACAATGAGAG AATCAGCTATAAAGTGATAGCACCCTGTGGGTGCCGAAACTGTGAAGTGAAGCTCAGAATCTTTGTCCAT GCGACTGAGTTTGGCATCCGCGCGTTCCAGCAGTTGCTGACCGGAGATCTGCAGTTGCTGTGCCCGGACT

GTCGGGGTAACTGTAAACACGACGATCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

>VC101957 representing NP_041366 Protein Sequence:

Red=Cloning sites Green=Tags

MIGKEVTVQDIILELSEVQPEVLPVDLFCEEELPNEQETEEEPDNERISYKVIAPCGCRNCEVKLRIFVH

ATEFGIRAFQQLLTGDLQLLCPDCRGNCKHDGS

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja2718 e06.zip

Restriction Sites: Sgfl-Mlul



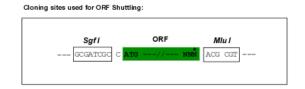
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

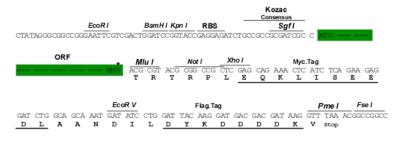
CN: techsupport@origene.cn

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_001531

ORF Size: 309 bp

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at customercom are team at customercom or by

calling 301.340.3188 option 3 for pricing and delivery.

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 001531.1, NP 041366



 RefSeq ORF:
 309 bp

 Locus ID:
 1489048

 MW:
 11.7 kDa