

Product datasheet for VC100663

HECV-4408 E Gene Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: HECV-4408 E Gene Tagged ORF Clone

Tag: Myc-DDK

Symbol: envelope protein

Mammalian Cell

Selection:

Sequence:

Neomycin

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

ORF Nucleotide >The Viral ORF clone VC100663 represents NCBI reference of YP_003038526 with codon

optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGTTTATGGCTGACGCCTACTTTGCTGATACCGTTTGGTACGTTGGACAAATCATCTTTATAGTGGCAA TCTGTTTGTTGGTTATCATCGTCGTGGTTGCCTTTCTGGCCACATTTAAACTCTGTATTCAGCTGTGCGG GATGTGTAATACCCTCGTTCTCTCACCTTCAATCTATGTCTTCAATCGCGGAAGGCAGTTTTATGAGTTT

TATAATGACGTGAAGCCCCCAGTACTCGATGTGGATGACGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100663 representing YP_003038526

Red=Cloning sites Green=Tags

MFMADAYFADTVWYVGQIIFIVAICLLVIIVVVAFLATFKLCIQLCGMCNTLVLSPSIYVFNRGRQFYEF

YNDVKPPVLDVDDV

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



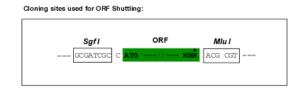
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

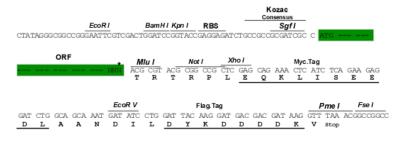
CN: techsupport@origene.cn

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_012950

ORF Size: 252 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 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).



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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 012950.1, YP 003038526

 RefSeq ORF:
 252 bp

 MW:
 9.6 kDa