

Product datasheet for VC100574

HCoV-HKU1 M Gene Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: HCoV-HKU1 M Gene Tagged ORF Clone

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

Selection:

Vector:

pCMV6-Entry (PS100001)

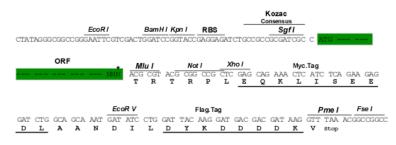
E. coli Selection: Kanamycin (25 ug/mL)

Restriction Sites: Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shuttling:





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

ACCN: NC_006577

ORF Size: 669 bp



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HCoV-HKU1 M Gene Tagged ORF Clone - VC100574

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 006577.2, YP 173241

 RefSeq ORF:
 669 bp

 Locus ID:
 3200428

 MW:
 25.6 kDa