

Product datasheet for VC101671

ORF38 (NC_009333) Virus Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ORF38 (NC 009333) Virus Tagged ORF Clone

Tag:Myc-DDKSymbol:ORF38

Mammalian Cell Neomycin

Selection:

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

ORF Nucleotide >The Viral ORF clone VC101671 represents NCBI reference of YP_001129391 with codon

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

GACGTTGTATACGACTCCTATAGGGCCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

 ${\tt CCCCGCCCTGAAAAAGAAGAAGAAGAAGAATAAGGAGGCGATCTAC}$

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101671 representing YP_001129391

Red=Cloning sites Green=Tags

 ${\tt MGFLLSICKRPSQPVDVDGEPLDVVVDYDPIRVSEKGMLLEQSQSPYPALKKKKKNKEAIY}$

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



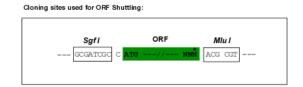
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

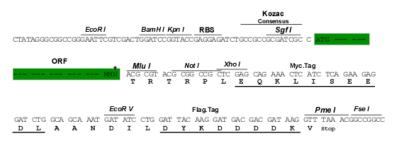
CN: techsupport@origene.cn

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Cloning Scheme:





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

ACCN: NC_009333

ORF Size: 183 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 009333.1, YP 001129391

RefSeq ORF: 183 bp **Locus ID:** 4961435



ORF38 (NC_009333) Virus Tagged ORF Clone - VC101671

 UniProt ID:
 Q2HR82

 MW:
 6.9 kDa