

Product datasheet for VC100391

E3A (NC 001405) Virus Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: E3A (NC 001405) Virus Tagged ORF Clone

Tag: Myc-DDK

Symbol: E3A

Mammalian Cell Neomycin

Selection:

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

ORF Nucleotide >The Viral ORF clone VC100391 represents NCBI reference of YP_001551769 with codon

optimized for human cell expression Sequence:

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGTCAAACTCATCAAATAGTACAAGCCTCTCCAACTTTTCAGGGATTGGCGTGGGAGTGATTCTCACCC TGGTGATCCTGTTTATTCTCATCCTGGCTCTGCTGTGTCTCCGGGTGGCCGCTTGCTGCACCCATGTGTG

TACATACTGTCAGCTCTTTAAAAGGTGGGGGCAGCACCCACGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

>VC100391 representing YP_001551769 **Protein Sequence:**

Red=Cloning sites Green=Tags

MSNSSNSTSLSNFSGIGVGVILTLVILFILILALLCLRVAACCTHVCTYCQLFKRWGQHPR

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



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

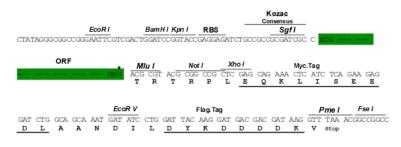
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Cloning Scheme:





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

ACCN: NC_001405

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

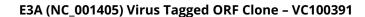
at the bottom.

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 001405.1, YP 001551769

RefSeq ORF: 183 bp **Locus ID:** 2652987





MW: 6.7 kDa