

Product datasheet for VC102229

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hypothetical protein (NC 001434) Virus Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: hypothetical protein (NC_001434) Virus Tagged ORF Clone

Tag: Myc-DDK

Symbol: hypothetical protein

Mammalian Cell

Selection:

Neomycin

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

>The Viral ORF clone VC102229 represents NCBI reference of YP_003864075 with codon **ORF Nucleotide**

optimized for human cell expression Sequence:

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

GGCACAGGCCAGTGTCCAGACTGGCAGCCGCAGTCGGTGGAGCCGCGGTTCCTGCTGTCGTGTCAGG AGTGACCGGACTCATCCTCTCCCCATCACAGTCCCCAATATTTATCCAGCCCACTCCTTCTCCCCCTATG TCACCGCTGAGGCCAGGCCTTGACCTCGTGTTTTGCCAATCCTCCGGACCACTCTGCACCACTTGGAGTGA

CTCGCCCAGCGCTCCACCCCTTCCCCACGTGGTTGATTTGCCCCAGCTGGGTCCGCGGAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

>VC102229 representing YP_003864075 Protein Sequence:

Red=Cloning sites Green=Tags

MGSRPCALGLFCCCSSCFCLCCPRHRPVSRLAAAVGGAAAVPAVVSGVTGLILSPSQSPIFIQPTPSPPM

SPLRPGLDLVFANPPDHSAPLGVTRPSAPPLPHVVDLPQLGPRR

TRTRRLEQKLISEEDLAANDILDYKDDDDK**V**

Chromatograms: https://cdn.origene.com/chromatograms/ja3014 a10.zip

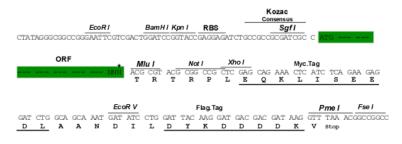
Restriction Sites: Sgfl-Mlul





Cloning Scheme:





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

ACCN: NC_001434

ORF Size: 342 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).

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 001434.1, YP 003864075



hypothetical protein (NC_001434) Virus Tagged ORF Clone - VC102229

 RefSeq ORF:
 342 bp

 Locus ID:
 9725255

 MW:
 11.7 kDa