

Product datasheet for VC102491

BM2 (NC 002210) Virus Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: BM2 (NC_002210) Virus Tagged ORF Clone

Tag: Myc-DDK

Symbol: BM2

Mammalian Cell Neomycin

Selection:

ORF Nucleotide

pCMV6-Entry (PS100001) Vector:

E. coli Selection: Kanamycin (25 ug/mL) >The Viral ORF clone VC102491 represents NCBI reference of YP_419283 with codon

optimized for human cell expression Sequence:

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGCTCGAACCCCTCCAGATACTCAGCATTTGTTCTTTTATACTGAGTGCTCTGCACTTTATGGCCTGGA CGATCGGACACTTGAATCAAATCAAACGCGGAGTCAATCTGAAGATCCAGATAAGAAACCCTAACAAAGA GGCCATCAACAGGGAGGTTAGTATCCTGAGGCATAATTACCAGAAGGAAATTCAAGCCAAAGAGACCATG AAGAAAATTTTGTCTGACAATATGGAGGTGCTTGGAGACCACATAGTCGTGGAGGGACTCTCAACCGACG

AGATCATCAAAATGGGGGAGACAGTGCTGGAGGTGGAGGAACTGCAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

>VC102491 representing YP_419283 Protein Sequence:

Red=Cloning sites Green=Tags

MLEPLQILSICSFILSALHFMAWTIGHLNQIKRGVNLKIQIRNPNKEAINREVSILRHNYQKEIQAKETM

KKILSDNMEVLGDHIVVEGLSTDEIIKMGETVLEVEELQ

TRTRRLEOKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja2520 g05.zip

Restriction Sites: Sgfl-Mlul



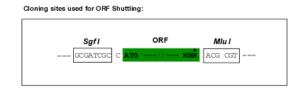
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

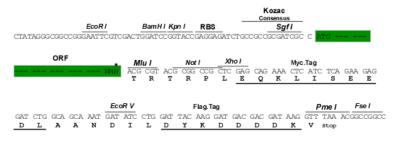
CN: techsupport@origene.cn

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Cloning Scheme:





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

ACCN: NC_002210

ORF Size: 327 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 customport@origene.com 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 002210.1, YP 419283



BM2 (NC_002210) Virus Tagged ORF Clone - VC102491

 RefSeq ORF:
 327 bp

 Locus ID:
 3800962

 MW:
 12.5 kDa