

Product datasheet for VC102102

M2 (NC_001781) Virus Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	M2 (NC_001781) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	M2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	Cloning sites used for ORF Shuttling:
	Sgfi ORF Miui GCGATCGC C ATG NNAT ACG CGT
	Kozac <u>Consensus</u> <u>EcoRI BamHIKpnI RBS Sgfi</u> CTATAGGGGGGGGGGATTCGTCGACTGGTCCGGTACCGAGGAGATCTGCCGCGGGATCGC C ORF MILLI Noti Xhol Muc.Ta

 EcoR V
 Flag.Tag
 Pme I
 Fse I

 GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT CAC GAC GAT AAG GTT TAA ACGGCCGGCC
 D
 L
 A
 N
 D
 I
 L
 D
 Y
 K
 D
 D
 K
 V
 stop

* The last codon before the Stop codon of the ORF

NC_001781

585 bp

ACCN: ORF Size:



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ORIGENE M2 (NC_001781) Virus Tagged ORF Clone – VC102102	
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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:	<u>NC 001781.1, NP 056864</u>
RefSeq ORF:	585 bp
Locus ID:	1489826
MW:	22.3 kDa

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