

Product datasheet for VC100130

pVIII (AC_000008) Virus Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	pVIII (AC_000008) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	pVIII
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 Gegatege c <mark>atg NNN</mark> Acg egt
	Kozac <u>Consensus</u> <u>EcoRI</u> <u>BamHI Kpn I</u> <u>RBS</u> <u>Sg11</u> CTATAGGGCGGCGGGAATTCGTCGACTGGATCGCGAGAGAACTCCGCGCCGGGAATTGC C
	CIAINS SECONDALI COLONI CONTROLANDALI CIBLOCOCOLONI COL

 ORF
 Miu i
 Not i
 Xho i
 Myc.Tag

 ACG CGT
 ACG CGG CCG
 CCC
 GAG CAG
 AAA
 CTC
 ACG CAG

 T
 R
 T
 R
 P
 L
 E
 Q
 K
 L
 I
 S
 E
 E

 EcoR V
 Flag.Tag
 Flag.Tag
 Flag.Tag
 Fme i
 Fsei

 GAT CTG GCA GCA AAT
 GAT ATC CTG GAT AAG GAT AAC
 GAT CTG GAA
 A
 N
 D
 I
 L
 D
 Y
 K
 D
 D
 K
 V
 stop

* The last codon before the Stop codon of the ORF

AC_000008

681 bp

ACCN: ORF Size:

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PVIII (AC_000008) Virus Tagged ORF Clone – VC100130	
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>AC 000008.1, AP 000217</u>
RefSeq ORF:	681 bp
MW:	24.7 kDa

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