

# Product datasheet for VC102130

### VP4 (NC\_009996) Virus Tagged ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	VP4 (NC_009996) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	VP4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	<pre>&gt;VC102130 representing YP_001552432, codon optimized. Due to the complexity of YP_001552432, the ORF clone is codon optimized for mammalian Expression. The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical. Blue=ORF Red=Cloning site Green=Tag(s) GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGGGAGCCCAGGTGAGTAAGCAGAATGTGGGAAGTCATGAAAACTCTGTCAGCGCAACAGGCGGCAGT GTGATTAAATACTTTAACATTAATTACTACAAAGACAGCGCCAGCTCCGGACTCACTAAACAGGACTTC AGTCAGGACCCCAGCAAATTCACCCAGCCCTTGGCCGAAGCGCTGACAAACCCGGCACTGATG ACGCGTACGCGCCGCTCGAGCAGAAACTCATCTACAAAGACAGCGCTGACAAACCCGGCACTGATG ACGCGTACGCGCCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC</pre>
Protein Sequence:	<pre>&gt;VC102130 representing YP_001552432 Blue=ORF Red=Cloning site Green=Tag(s) MGAQVSKQNVGSHENSVSATGGSVIKYFNINYYKDSASSGLTKQDFSQDPSKFTQPLAEALTNPALM TRTRPLEOKLISEEDLAANDILDYKDDDDKV</pre>
Restriction Sites:	Sgfl-Mlul



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#### **Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

ACCN:	NC_009996
ORF Size:	201 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:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>YP 001552432</u>
RefSeq ORF:	201 bp

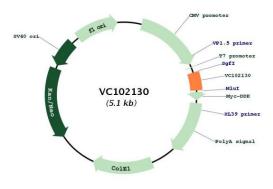
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MW:

#### 7.2 kDa

## **Product images:**



Circular map for VC102130

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