

Product datasheet for VC100122

pX (AC_000008) Virus Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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| Product Type: | Expression Plasmids |
|------------------------------|---|
| Product Name: | pX (AC_000008) Virus Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | рХ |
| 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 gcgatogc c Atg NNM Acg cgt |
| | Kozac Consensus EcoRI BamHI Kpn I RBS SgfI CTATAGGGGGGCGGGAATTCGTCGACTGGATCGGTACCGAGGGGAGATCTGCCGCGACGGCCGGAATCGC C C |

 ORF
 Miu i
 Not i
 Xho i
 Myc.Tag

 ACG CGT
 ACG CGG CCG CCG CCG CAG AAA CTC ATC TCA GAA GAG

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

 GCT CTG GCA GCA AAT
 GAT ATC CTG GCA GCA AAT
 GAT ATC CTG GCA GAT AAT
 GAT ATC CTG GCA GAT AAT
 GAT ATC CTG GAT AAT
 Flag.Tag
 Pme i
 Fse i

 GAT CTG GCA GCA AAT
 GAT ATC CTG GAT ACG CCGCGCCC
 D
 L
 A
 N
 D
 I
 L
 D
 X
 K
 D
 D
 K
 V
 stop

* The last codon before the Stop codon of the ORF

AC_000008

240 bp

ACCN: ORF Size:

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| ORIGENE pX (AC_000008) Virus Tagged ORF Clone – VC100122 | |
|--|--|
| 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 Metho | d: 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: | <u>AC 000008.1, AP 000209</u> |
| RefSeq ORF: | 240 bp |
| MW: | 8.8 kDa |

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