

Product datasheet for PS100119

pLenti-PGK-C-mGFP-P2A-Puro Lentiviral Gene Expression Vector

Product data:

Product Type: Lentiviral Gene Expression Vectors

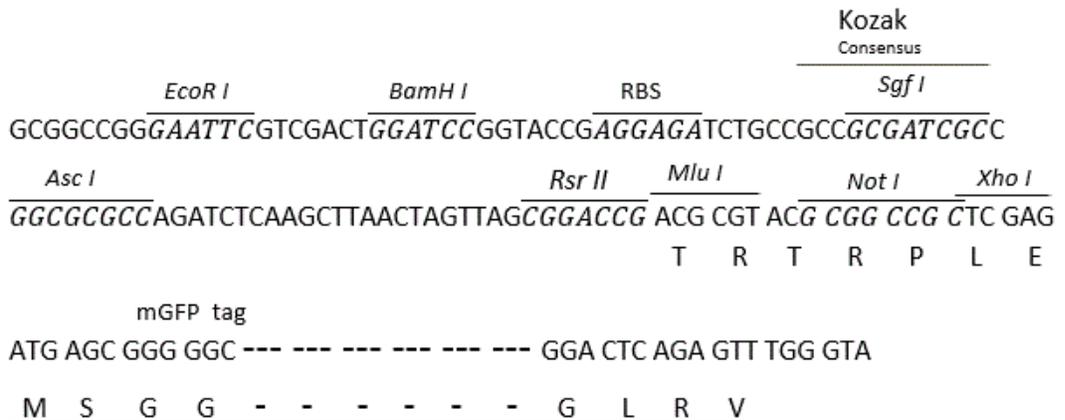
C-Tag: mGFP

E. coli Selection: Chloramphenicol (34 ug/mL)

Mammalian Cell Selection: Puromycin

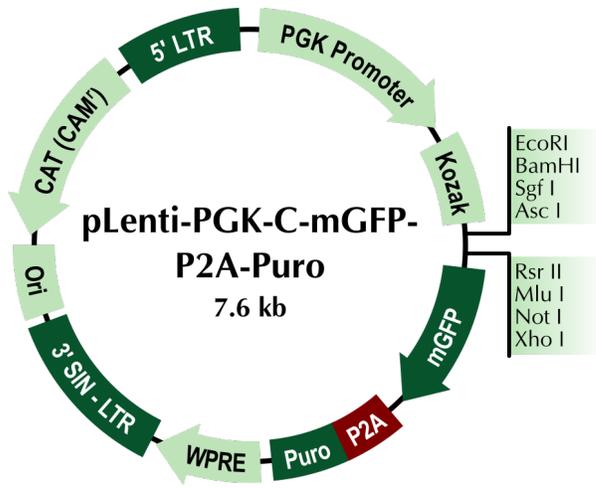
- Features:
- This Lenti vector is a third generation lentiviral vector.
 - The ORF cloned in this vector can be expressed as a tagged fusion protein with C-terminal mGFP tag.
 - The expression of the cloned ORF is driven by PGK promoter.
 - P2A-Puro is within the Lentiviral packaging cassette and would allow puromycin selection in both the transfected and the transduced cells.
 - A brief [lentiviral packaging protocol](#) is provided.
 - E. Coli.* selection: Chloramphenicol (34ug/ml)
 - All OriGene's TrueORF clone can be shuttled into this vector via [PrecisionShuttling](#), a simple cut-and-ligation process.
 - PGK_F Primer (GE100103) can be used to sequence the target sequence after cloning.
 - mGFP_R Primer (GE100125) can be used to sequence the target sequence after cloning.

Schematic of the multiple cloning sites:



[View online »](#)

Product images:



Kozak
Consensus

$\xrightarrow{\text{EcoRI}}$ GCGGCCGGGAATTCGTCTGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

$\xrightarrow{\text{AscI}}$ GGCGCGCCCAGATCTCAAGCTTAAGTACTAGTTAGCGGACCG ACG CGT ACG CGG CCG CTC GAG

RBS $\xrightarrow{\text{SgfI}}$

T R T R P L E

mGFP tag

ATG AGC GGG GGC - - - - - GGA CTC AGA GTT TGG GTA

M S G G - - - - - G L R V