

Product datasheet for PS100093

pLenti-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

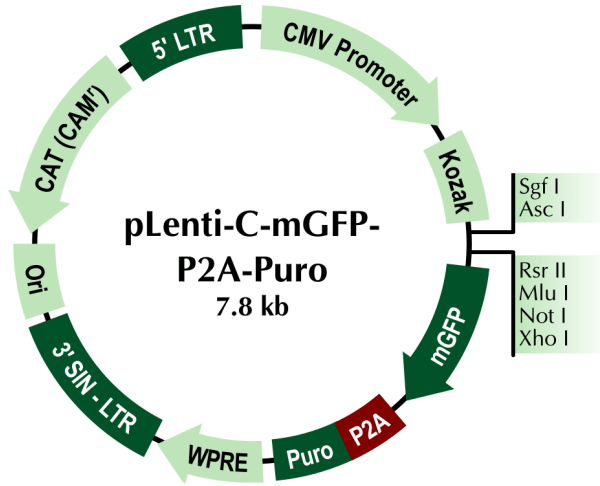
- Features:
- This Lenti vector is a third generation lentiviral vector.
 - All OriGene's TrueORF clone can be shuttled into this vector via PrecisionShuttling, a simple cut-and-ligation process.
 - The ORF cloned in this vector can be expressed as a tagged protein with a C-terminal monomeric GFP tag.
 - 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)
 - V2_F Primer (GE100111) 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:



CTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 EcoRI BamHI RBS Kozak Consensus Sgf I
 GGCGCGCCAGATCTCAAGCTTAAGTACTAGCTAGCGGACCGACG CGT ACG CGG CCG CTC GAG
 Asc I Rsr II Mlu I Not I Xho I
 T R T R P L E
 mGFP tag
 ATG AGC GGG GGC ----- GGA CTC AGA GTT TGG GTA GGA AGC
 M S G G - - - - - G L R V