OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PS100120

pLenti-EF1a-C-Myc-DDK-P2A-Puro Lentiviral Gene Expression Vector

Product data:

Product Type: Lentiviral Gene Expression Vectors

C-Tag: Myc-DDK

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

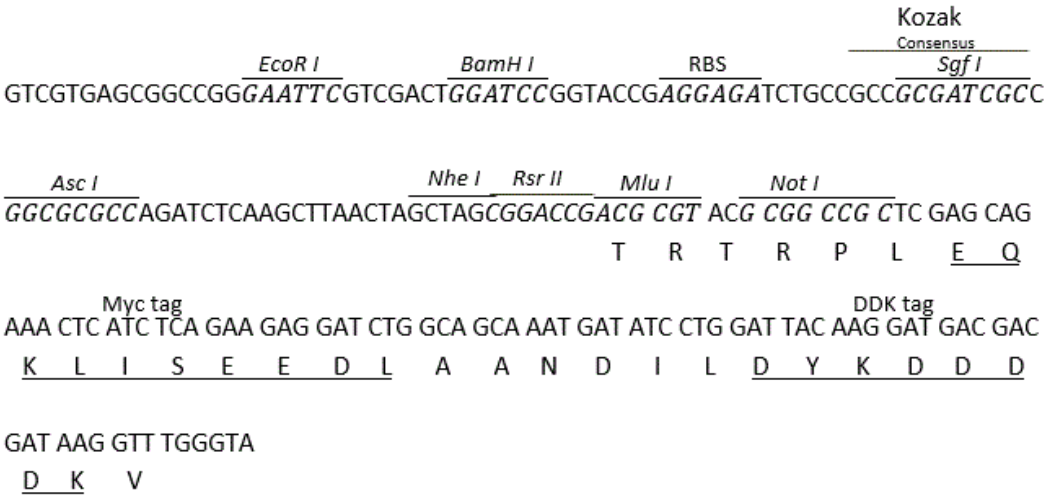
Mammalian Cell Selection: Puromycin

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 Myc-DDK tag.
- The expression of the cloned ORF is driven by EF1a promoter, a constitutive 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.
- EF51 Primer (GE100088) can be used to sequence the target sequence after cloning.
- P2A-DDK_R Primer (GE100128) can be used to sequence the target sequence after cloning.

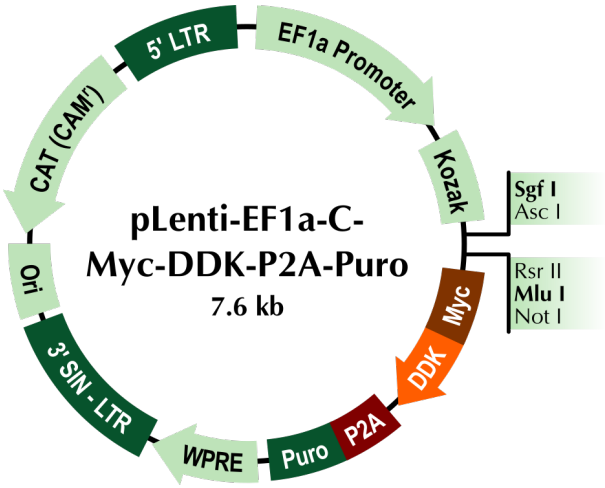
Schematic of the multiple cloning sites:



View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Product images:



Kozak Consensus

EcoR I BamH I RBS Sgf I

GTCGTGAGCGGCCGG*GAATTC*GTCGACT*GGATCC*GGTACCG*AGGAGA*TCTGCCGCC*GCGATCGC*C

Asc I Nhe I Rsr II Mlu I Not I

*GGCGCGCC*AGATCTCAAGCTTAACTAGCTAG*CGGACCGACG CGT* AC*G CGG CCG C*TC GAG CAG

T R T R P L E Q

Myc tag DDK tag

AAA CTC ATC TCA GAA GAG GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC

K L I S E E D L A A N D I L D Y K D D D

GAT AAG GTT TGGGTA

D K V

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US