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 PS100085

pLenti-EF1a-C-Myc-DDK-IRES-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

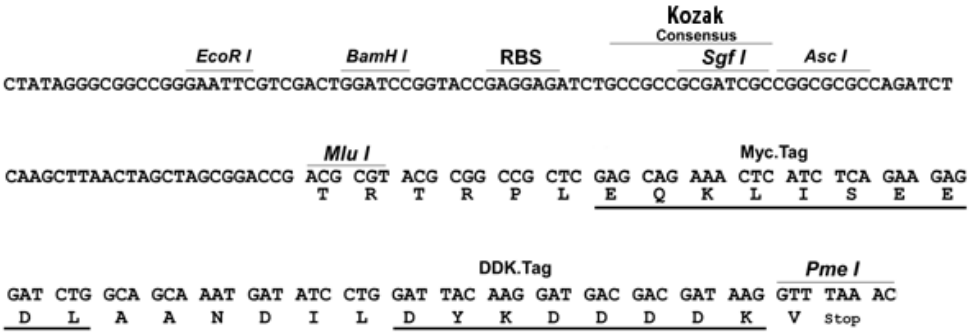
Features:

This Lenti vector is a third generation of lentiviral vector.

- All OriGene's TrueORF clone can be shuttled into this vector via PrecisionShuttling, a simple cut-and-ligation process.
- The expression of the cloned ORF is driven by EF1a, a constitutive promoter as an alternative of CMV promoter. The latter could be silenced in certain cellular environment.
- The ORF cloned in this vector can be expressed as a tagged protein with c-terminal Myc-DDK tags.
- IRES-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
- EF51 Primer (GE100088) can be used to sequence the target sequence after cloning.
- IRES100 Primer (GE100121) can be used to sequence the target sequence after cloning.

Schematic of the multiple cloning sites:

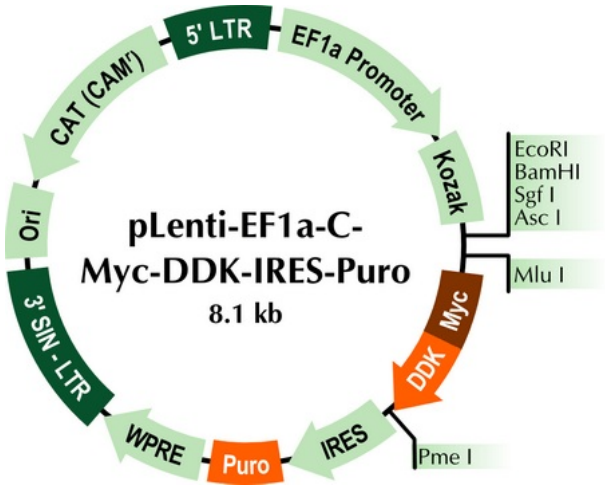
pLenti-EF1a-C-MYC-DDK-IRES-Puro



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

View online »

Product images:



pLenti-EF1a-C-MYC-DDK-IRES-Puro

Kozak Consensus

EcoR I BamH I RBS Sgf I Asc I

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGCGCCAGATCT

Mlu I Myc.Tag

CAAGCTTAACTAGCTAGCGGACCG ACG CGT ACG CGG CCG CTC GAG CAG AAA CTC ATC TCA GAA GAG
T R T R P L E Q K L I S E E

DDK.Tag Pme I

GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TAA AC
D L A A N D I L D Y K D D D D K V Stop

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