

## Product datasheet for **PS100118**

### pLenti-PGK-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 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.
- P2A-DDK\_R Primer (GE100128) can be used to sequence the target sequence after cloning.

#### Schematic of the multiple cloning sites:

Kozak  
Consensus

EcoR I      BamH I      RBS      Sgf I  
 GCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

Asc I      Nhe I      Rsr II      Mlu I      Not I      Xho I  
 GGCGCGCCAGATCTCAAGCTTAAGCTAGCTAGCGGACCGACG CGT ACG CGG CCG CTC GAG CAG

E Q

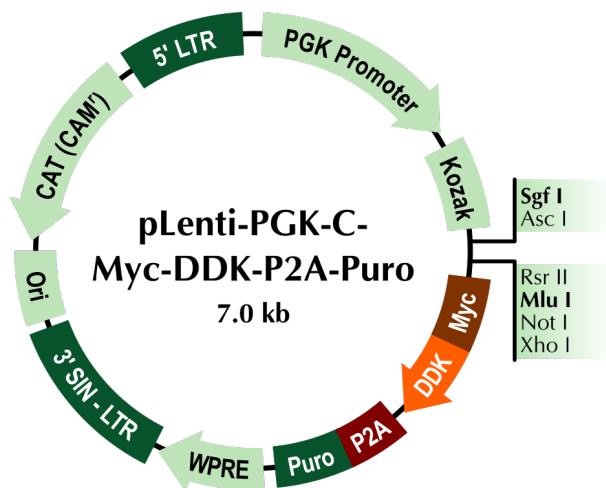
Myc tag      DDK tag

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 TGG GTA  
D K V


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## Product images:



Kozak  
Consensus

EcoR I      BamH I      RBS      Sgf I

GCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

Asc I      Nhe I      Rsr II      Mlu I      Not I      Xho I

GGCGGCCAGATCTCAAGCTTAAGCTAGCTAGCGGACCGACG CGT ACG CGG CCG CTC GAG CAG  
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 TGG GTA  
D K V