

## Product datasheet for PS100112

### pLenti-hSyn-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

Mammalian Cell Selection: Puromycin

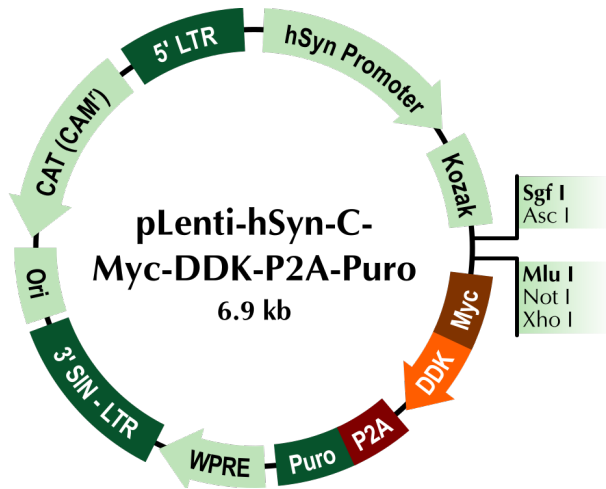
- Features:
- This Lenti vector is a third generation lentiviral vector.
  - The ORF cloned in this vector can be expressed as a tagged fusion protein with C-terminal Myc-DDK tag.
  - The expression of the cloned ORF is driven by human synapsin I promoter, a neuron specific promoter.
  - P2A-Puro is 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.
  - Syn\_F Primer (GE100108) 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 »

Product images:



Kozak  
Consensus

EcoR I      BamH I      RBS      Sgf I

GCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGATCGCC

Asc I      Mlu I      Not I      Xho I

GGCGGCCAGATCTCAAGCTTAAGCTAGCTAGCGGACCG ACG 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