

## Product datasheet for PS100105

### pLenti-N-Myc-DDK-IRES-Puro Lentiviral Gene Expression Vector

#### Product data:

Product Type: Lentiviral Gene Expression Vectors

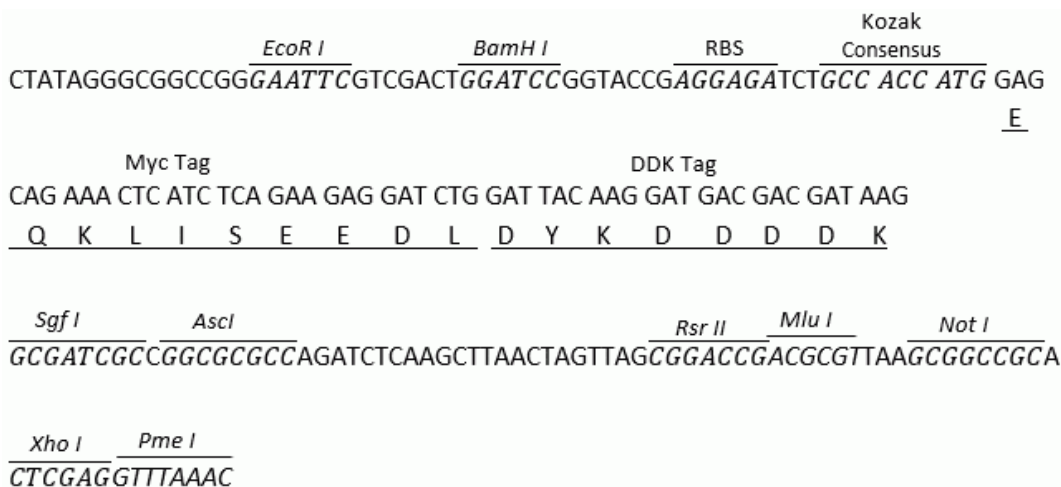
N-Tag: Myc-DDK

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

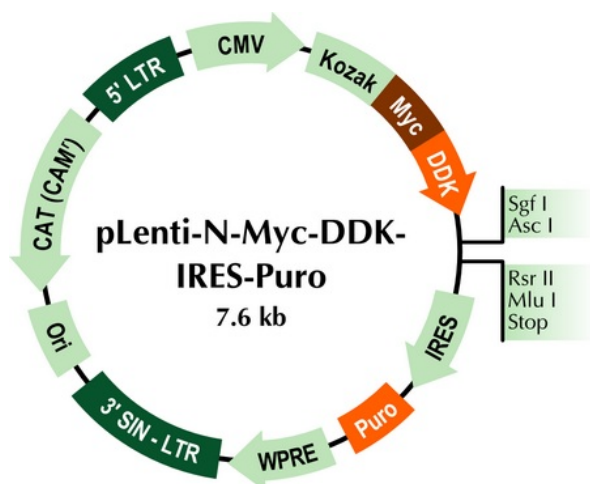
Mammalian Cell Selection: Puromycin

- 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 N-terminal Myc-DDK tag.
  - 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](#).
  - E. Coli selection: Chloramphenicol (34 ug/ml)
  - V2\_F Primer (GE100111) can be used to sequence the target sequence after cloning.
  - IRES\_R Primer (GE100120) can be used to sequence the target sequence after cloning.

#### Schematic of the multiple cloning sites:


[View online »](#)

## Product images:



EcoR I BamH I RBS Kozak Consensus  
 CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC ACC ATG GAG  
 E

Myc Tag DDK Tag  
 CAG AAA CTC ATC TCA GAA GAG GAT CTG GAT TAC AAG GAT GAC GAC GAT AAG  
 Q K L I S E E D L D Y K D D D D K

Sgf I Asc I Rsr II Mlu I Not I  
 GCGATCGCCGGCGCGCCAGATCTCAAGCTTAAGTGTAGCGGACCGACGCGTTAAGCGGCCGCA

Xho I Pme I  
 CTCGAGGTTTAAAC