

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.

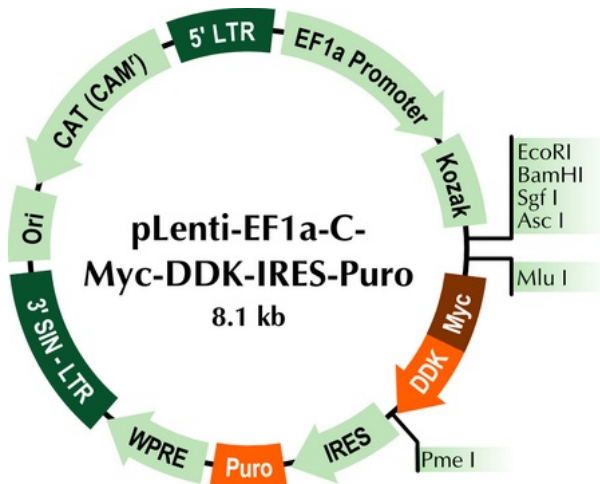
Schematic of the multiple cloning sites:

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



[View online »](#)

Product images:



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

	<i>EcoRI</i>	<i>BamHI</i>	RBS	<i>SgfI</i>	<i>AscI</i>
	Kozak Consensus				
CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGATCGCCGGCGGCCAGATCT					
	<i>MluI</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		
					<i>PmeI</i>
					DDK.Tag
GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TAA AC					
<u>D L A A N D I L D Y K D D D D K V</u>					Stop