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# Product datasheet for PS100088

### pLenti-C-Myc-DDK-P2A-tGFP Lentiviral Gene Expression Vector

## **Product data:**

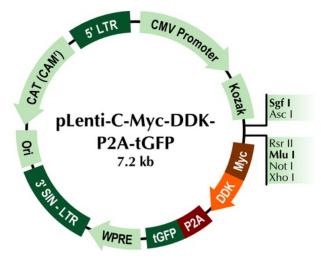
Product Type:	Lentiviral Gene Expression Vectors					
C-Tag:	Myc-DDK					
E. coli Selection:	Chloramphenicol					
Mammalian Cell Selection:	tGFP					
Features:	This Lenti vector is a third generation lentiviral vector. All OriGene's TrueORF clone can be shuttled into this vector via PrecisionShuttling, a simple cut-and-ligation process. The ORF cloned in this vector can be expressed as a tagged protein with c-terminal Myc-DDK tags. P2A-tGFP is within the Lentiviral packaging cassette and would allow tGFP expression in both the transfected and the transduced cells. A brief <u>lentiviral packaging protocol is provided</u> . E. Coli selection: Chloramphenicol (34ug/ml) V2_F Primer (GE100111) can be used to sequence the target sequence after cloning. DDK_R Primer (GE100114) can be used to sequence the target sequence after cloning.					
Schematic of the multiple cloning sites:	pLenti-C-Myc-DDK-P2A-tGFP $\frac{EcoR I}{EcoR I} = \frac{BamH I}{BamH I} = \frac{RBS}{Sgf I} = \frac{Sgf I}{Asc I} = Asc I$ CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGCCAGATCT CAAGCTTAACTAGCTAGCGGGACCG $\frac{Rsr II}{T} = \frac{Mlu I}{R} = \frac{Not I}{T} = \frac{Not I}{R} = \frac{Not I}{T} = \frac{Sr II}{R} = \frac{Sr II}$					

DDK.Tag GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TTA GGA D L A A N D I L D Y K D D D K V



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# **Product images:**



pLenti-C-Myc-DDK-P2A-tGFP

				Kozac		
				Consensus		
	EcoR I	BamH I	RBS	Sgf I	Asc I	
CTATAGGGCGGCCG	GGAATTCG	TCGACTGGATCCGGTA	CCGAGGAGATC	TGCCGCCGCGATCGC	cecceccc	AGATCT

 $\begin{array}{c|c} \underline{Rsr\,II} & \underline{Mlu\,I} & \underline{Not\,I} & \underline{Xho\,I} & \underline{Myc.Tag} \\ \hline CAAGCTTAACTAGCTGGGACCG & \underline{ACG} & \underline{CGT} & \underline{ACG} & \underline{CGG} & \underline{CCG} & \underline{CTC} & \underline{GAG} & \underline{AAA} & \underline{CTC} & \underline{ATC} & \underline{TCA} & \underline{GAA} & \underline{GAG} \\ \hline T & R & T & R & P & L & \underline{E} & \underline{Q} & K & L & I & S & \underline{E} & \underline{E} \\ \end{array}$ 

DDK.Tag GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TTA GGA \_D L A A N D I L <u>D Y K D D D K</u> V

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