

Product datasheet for PS100101

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

pLenti-C-HA-DDK-P2A-Puro Lentiviral Gene Expression Vector

Product data:

Product Type: Lentiviral Gene Expression Vectors

C-Tag: HA-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 <u>PrecisionShuttling</u>, a simple cut-and-ligation process.
- The ORF cloned in this vector can be expressed as a tagged protein with a C-terminal HA-DDK tag.
- 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)
- V2_F Primer (GE100111) 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.

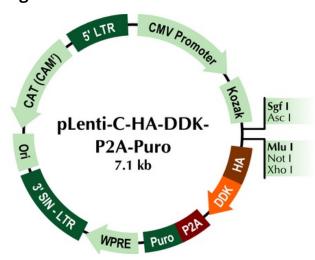
Schen	natic	of the)
multi	ple cl	oning	sites:

																	Koza	ık	
															_	(onser	isus	
				_	EcoR				Bam⊦	LL			RBS					Sgf I	
CT.	ATAG	GGCG	GGC	:GG(7AA7	TCG	TCG	ACT	GGAT	' <i>C</i> CG	GTA	CCGA	AGG	AGA^{-}	TCTG	CCGC	CGC	GAT	CGCC
	Asc I											Mlu I			Not I		X	ho I	
GG	CGC	CC A	GAT	CTC	AAGO	TTA	ACT/	AGCT	AGC	GGAC				ACG	CGG	CCG	<u>с</u> тс	GAG	i
												т	R	т	R	Р	- 1	F	
												•	IX.		- 11		_	_	
		Н	IA Ta	q												DE)К Тас	7	
TA	C CCA	TAC	GAT	GTT	CCA	GAT	TAC	GCT	GCA	GCA	AAT	GAT	ATC	CTG	GAT				GAC
v	D	v	ь	V	Р	D	Υ	Α	Α	Α	N	D			D	v	K	D	D
			U	v	Г	U			А	А	IN	U		L	U		N.	U	<u> </u>
GA	C GAT	ГААС	GT	TTG	GGTA	AGGA	AG												
-		1/																	
L	<u> </u>	K	_ v																





Product images:



СТА	TAG	GGC	GGC	_	EcoR GAAT		TCG		BamH GGAT		GTA	_	RBS AGG	AG A	 ГСТG		Koza Conser	nsus Sgf I	 <i>CGC</i> C
	Asc I CGC (GCCA	AGAT	CTC	AAGO	CTTA/	ACTA	AGCT	AGCG	GAC		Mlu I 1 <i>CG</i> (Not I CGG R			<i>ho I</i> GAG E	;
TAC	CCA		IA Ta GAT		CCA	GAT	TAC	GCT	GCA	GCA	AAT	GAT	ATC	CTG	GAT		DK Tag AAG		GAC
<u>Y</u>	Р	Υ	D	V	Р	D	Υ	Α	Α	Α	N	D	1	L	D	Υ	K	D	D
GA0	GAT D	Γ ΑΑ(G GT V	T TG	GGT/	AGGA	AG												