

Product datasheet for PS100065

OriGene Technologies, Inc.

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pLenti-C-GFP Lentiviral Gene Expression Vector

Product data:

Product Type: Lentiviral Gene Expression Vectors

C-Tag: GFP

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

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 ORF cloned in this vector can be expressed as a tagged protein with a c-terminal GFP tag.
- Lentiviral infection is a convenient way to delivery DNA into most cell lines and is uniquely effective for the non-dividing cells.
- A brief lentiviral packaging protocol is provided.
- V2_F Primer (GE100111) can be used to sequence the target sequence after cloning.
- AC_GFP_R Primer (GE100113) can be used to sequence the target sequence after cloning.

Schematic of the multiple cloning sites:

pLenti-C-GFP

									_				Kozak Consensus						
	EcoR I						BamH I			RBS			Sgf I			Asc I			
CTAT	'AGG	GCGG	CCGG	GAAT!	CGTC	CGACT	GGAT	CCGG'	TACC	GAGG	AGAT	CTGC	CGCC	GCGA!	rcgc	CGGC	GCGC	CAGA	TCT
	Rsr II				м	Miu I			Not I		Xho I		GFP T						
CAAG	CTT	AACT	AGTT	AGCG	GACC	ACG	CGT	ACG	CGG	CCG	CTC	GAG	ATG	GAG	AGC	GAC			
						T	R	T	R	P	L	E	М	E	s	D	-	-	-
					_														
Pme I																			
		GAA	GAA	AGA	GTT	TAA	ACGG	CCGG	CCGC	GG									
_	_	E	E	R	37	Ston													





Product images:

