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Product datasheet for PS100073

pLenti-N-tGFP Lentiviral Gene Expression Vector

Product data:

Product Type:	Lentiviral Gene Expression Vectors
N-Tag:	tGFP
E. coli Selection:	Chloramphenicol (34 ug/mL)
•	 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 N-terminal tGFP tag. A brief <u>lentiviral packaging protocol is provided</u>. <i>E. Coli</i> selection: Chloramphenicol(34ug/ml) tGFP_F Primer (GE100109) can be used to sequence the target sequence after cloning. WPRE_R Primer (GE100136) can be used to sequence the target sequence after cloning.
Schematic of the multiple cloning sites:	pLenti-N-tGFP

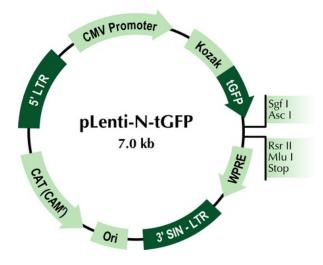
				EcoR			BamH I	RBS	Koz Conse			GFP Tag			
CTAT	AGGO	CGGG	CGGG	GAATI	CGTO	GACT	GGATCCGGT	ACCGAGGAGAT	CTGCCACC	ATG	GAG	AGC	GAC		
										м	E	s	D	-	-
						Sgf I	Asc I				Rsr II			Mlu I	
		GAA E	GAA E	AGA R	GCG	ATC	GCCGGCGCG	CCAGATCTCAA	GCTTAACT	AGTT	AGCG	GACC	G ACC	G CG	TAA Stop

Not I Xho I Pme I GCGGCCGCACTCGAGGTTTAAACGGCCGGCCGCGG



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Product images:



pLenti-N-tGFP

Kozak GFP Tag EcoR I RBS BamH I Consensus CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCACC ATG GAG AGC GAC м Е s D Sgf I Asc I Rsr II Mlu I GAA GAA AGA GCG ATC GCCGGCGCGCCAGATCTCAAGCTTAACTAGTTAGCGGACCG ACG CGT TAA Е Е R т R Stop

Not I Xho I Pme I GCGGCCGCACTCGAGGTTTAAACGGCCGGCCGCGG

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