

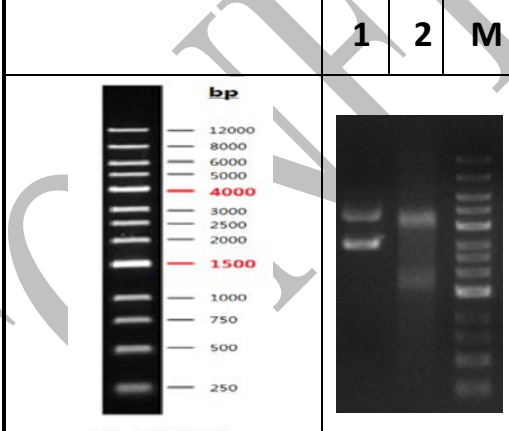
CERTIFICATE OF ANALYSIS

Vector Name	pcDNA3.1/CT-GFP	Catalog No.	V011343
Lot No.	M28454	Vector Resistance	Amp
Competence	Top10	Quantity	100ug

QC Results

Test Items	Specifications	Results
Insert Sequence	Insert sequence results consistent with target	Pass
Vector Sequence	Flanking sequence consistent with expected	Pass
ORF Across Junction	Correct and consistent with target	N/A
Restriction Digest	Expected fragment sizes observed	Pass
PCR Amplification	Correct without non - specific bands	Pass
DNA Quantity/Quality	Actual yield (by A 260)	5μg/5μg
	Concentration (n/a if lyophilized)	N/A
	Purity (A 260/A280 = 1.8 - 2.0)	Pass
	# of Tubes	2
	Matrix	TE (lyophilized)
Endotoxin Test	Verified, <0.1 EU/μg (Endo-Free Preps Only)	N/A
Appearance	Clear, no visible particles	Pass
Label	Correct and white	Pass
Comments	-	-

Restriction Digestion Map

	1	2	M	
				<p>Lane 1: Plasmid</p> <p>Lane 2: Plasmid Digested with EcoRI-SmaI</p> <p>Lane M: DNA Marker</p>

Certified by: Chou Fang 
Date: July-25-2022