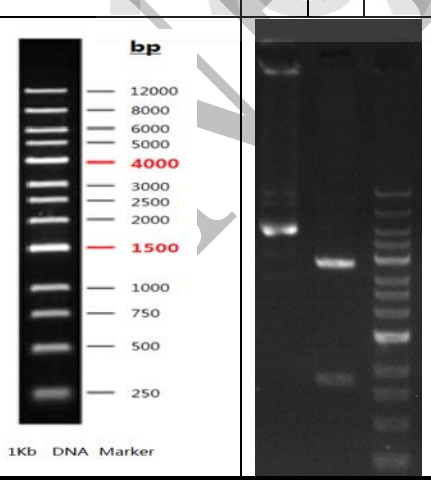
CERTIFICATE OF ANALYSIS

Gene Name	pTagRFP-N (Cat.#V011928)	**Order No.**	G0151514-1
Lot No.	M83848	**Vector Resistance**	Kan

QC Results

Test Items	Specifications	Results
Insert Sequence	Insert sequence results consistent with target	Pass
Vector Sequence	Flanking sequence consistent with expected	N/A
ORF Across Junction	Correct and consistent with target	N/A
Restriction Digest	Expected fragment sizes observed	N/A
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



Lane 1：Plasmid

Lane 2: Plasmid Digested with XhoI-MfeI

Lane M: DNA Marker

Certified by: Chou Fang

Date: Dec/23/2023
Valid until: Dec/23/2026