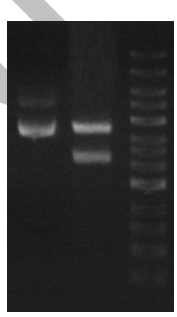
CERTIFICATE OF ANALYSIS

Gene Name	pCX4pur vector	**Catalog No.**	V008094
Lot No.	C28828	**Vector Resistance**	Amp
Competence	Top10	**Project No.**	G0235736-1

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	
				**Lane 1**：Plasmid **Lane 2**: Plasmid Digested with XhoI-HindIII **Lane M**: DNA Marker

Certified by: Chou Fang

Date: Dec/28/2024

Valid until: Dec/28/2027

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