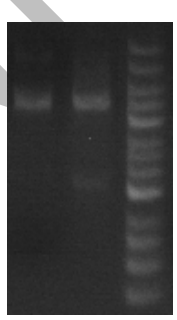
CERTIFICATE OF ANALYSIS

Vector Name	pET-55-DEST	**Catalog No.**	V010946
Project/Lot No.	G0278288-1/Y28377	**Strain**	DB3.1
Quantity	10 ug	**Resistance**	Amp

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)	5ug/5ug
	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 XbaI-SalI **Lane M**: DNA Marker

Certified by: Chou Fang

Date: Jul/19/2027

Valid until: Jul/20/2024

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