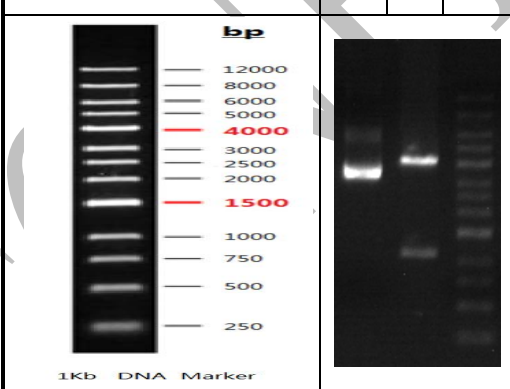
CERTIFICATE OF ANALYSIS

Gene Name	pHM6 vector	**Order No.**	G0252409-2
Lot No.	MF76825	**Size**	5,450 bp
Competence	Top10	**Vector 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



Lane 1：Plasmid

Lane 2: Plasmid Digested with HindIII-SmaI

Lane M: DNA Marker

Certified by: Chou Fang

Date: Nov/01/2023

Valid until: Nov/01/2026

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