


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

Certified by: Chou Fang


Date: Nov/01/2023

Valid until: Nov/01/2026