

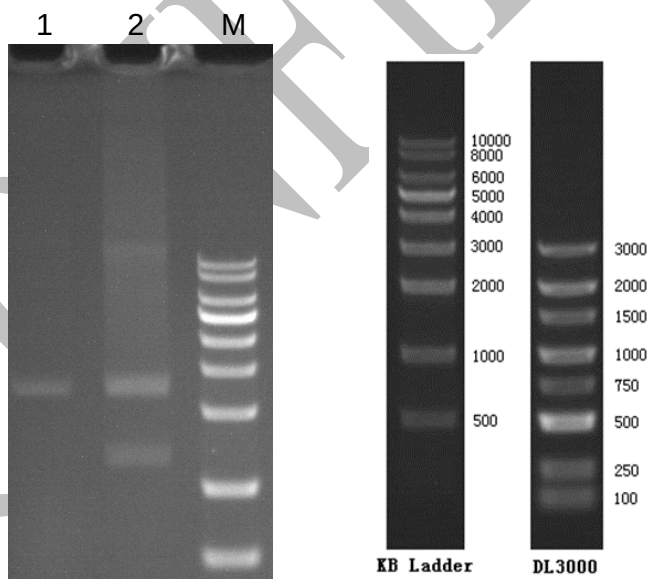
CERTIFICATE OF ANALYSIS

Gene Name	pMG36e vector	Catalog No.	V012803
Lot No.	PN08044	Size	3,610 bp
Competence	MC1061	Vector Resistance	Erythromycin

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	1
	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	-	-

Enzyme Digestion



Lane M: KB Ladder
 Lane 1: pMG36e plasmids
 Lane 2: pMG36e plasmids digested
 by EcoRI and NheI

Certified by: Chou Fang

Date: May-08-2023



Vector Map

