

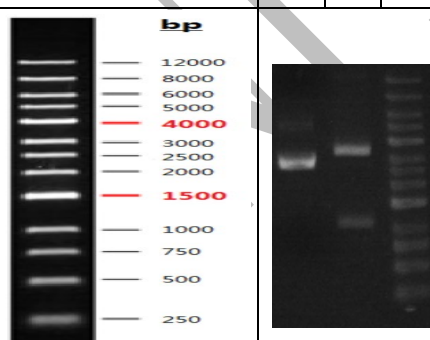
CERTIFICATE OF ANALYSIS

Vector Name	pFS102-SV40-Galpha15	Catalog No.	V006187
Project/Lot No.	G0277023-1/T50600	Strain	Top10
Quantity	10ug	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)	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
 <p>bp</p> <p>12000 8000 6000 5000 4000 3000 2500 2000 1500 1000 750 500 250</p> <p>1Kb DNA Marker</p>			<p>Lane 1: Plasmid</p> <p>Lane 2: Plasmid Digested with HindIII-XbaI</p> <p>Lane M: DNA Marker</p>

Certified by: Chou Fang



Date: Jun/18/2023

Valid until: Jun/18/2026