


CERTIFICATE OF ANALYSIS

Vector Name	pcDNA3-ApoE2	Catalog No.	V008605
Project/Lot No.	G0262217-1/C98811	Size	6,516 bp
Quantity	Top10	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 1000 750 500 250</p> <p>1Kb DNA Marker</p>	Lane 1: Plasmid	Lane 2: Plasmid Digested with MluI-XbaI	Lane M: DNA Marker

Certified by: Chou Fang

Date: Feb/17/2024

Valid until: Feb/16/2027

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