

Project/Lot No. G0268647-1/D42644 Size 8,484 bp	Vector Name	pX330	Catalog No.	V011044	
Test Items Specifications Results Appearance Clear, no visible particles Pass Concentration On request, default lug/uL Pass A260/280 1.8 - 2.0 Pass A260/230 >2.0 Pass Supercoiled content No request N/A Residual RNA Not visible upon electrophoresis Pass Genomic DNA Not visible upon electrophoresis Pass Bioburden assay No growth on agar plate after 24 hours N/A Endotoxin Test Verified, (Endo-Free Preps Only) N/A Label Correct and white Pass Sequencing Correct Pass Comments Restriction Digestion Map Lane 1:Plasmid DNA Lane M: DNA Marker Lane M: DNA Marker	Project/Lot No.	G0268647-1/D42644	Size	8,484 bp	
Test Items Appearance Clear, no visible particles Pass Concentration On request, default lug/uL Pass A260/280 1.8 - 2.0 Pass A260/230 >2.0 Pass Supercoiled content No request No request Residual RNA Not visible upon electrophoresis Pass Restriction Analysis Conforms to reference Pass Bioburden assay No growth on agar plate after 24 hours N/A Endotoxin Test Verified, (Endo-Free Preps Only) N/A Label Correct and white Pass Sequencing Correct Pass Comments Test Items Results Pass Pass A260/280 Pass Pass Pass Conformic DNA Not visible upon electrophoresis Pass Bioburden assay No growth on agar plate after 24 hours N/A Label Correct and white Pass Comments Test Tiction Digestion Map Lane1:Plasmid DNA Lane2:Plasmid digested by ApaI-EcoRI Lane M: DNA Marker Lane M: DNA Marker	Quantity	100ug	Resistance	Ampicillin	
Appearance Clear, no visible particles Concentration On request, default lug/uL Pass A260/280 1.8 - 2.0 Pass A260/230 >2.0 Pass Supercoiled content No request No request Not visible upon electrophoresis Pass Restriction Analysis Conforms to reference Pass Bioburden assay No growth on agar plate after 24 hours N/A Label Correct and white Pass Restriction Correct Pass Restriction Correct Pass Comments Correct Digestion Lane 1:Plasmid DNA Lane 2:Plasmid digested by Apal-EcoRI Lane M: DNA Marker		QC Res	sults		
Concentration On request, default lug/uL Pass A260/280 1.8 - 2.0 Pass A260/230 >2.0 Pass Supercoiled content No request Not visible upon electrophoresis Pass Genomic DNA Not visible upon electrophoresis Pass Restriction Analysis Conforms to reference Pass Bioburden assay No growth on agar plate after 24 hours N/A Endotoxin Test Verified, (Endo-Free Preps Only) N/A Label Correct and white Pass Sequencing Correct Pass Restriction Digestion Map 1 2 M Lane 1:Plasmid DNA Lane 2:Plasmid digested by Apal-EcoRI Lane M: DNA Marker Lane M: DNA Marker	Test Items	Specifi	cations	Results	
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Bioburden assay No growth on agar plate after 24 hours N/A Endotoxin Test Verified, (Endo-Free Preps Only) N/A Label Correct and white Pass Sequencing Correct Pass Comments Comments Lane1:Plasmid DNA Lane2:Plasmid digested by ApaI-EcoRI Lane M: DNA Marker Lane M: DNA Marker	Genomic DNA	Not visible upon electro	phoresis	Pass	
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Label Correct and white Pass Sequencing Correct Pass Comments - Restriction Digestion Map 1 2 M Lane1:Plasmid DNA Lane2:Plasmid digested by ApaI-EcoRI Lane M: DNA Marker Lane M: DNA Marker	Bioburden assay	No growth on agar plate	after 24 hours	N/A	
Comments Pass	Endotoxin Test	Verified, (Endo-Free F	Preps Only)	N/A	
Comments -	Label	Correct and white	$A \cdot L$	Pass	
Lane 1: Plasmid DNA Lane 2: Plasmid digested by ApaI-EcoRI Lane M: DNA Marker Lane M:	Sequencing	Correct		Pass	
1 2 M Lane1:Plasmid DNA Lane2:Plasmid digested by ApaI-EcoRI Lane M: DNA Marker 1000 1000 1000 750	Comments	-		-	
Lane1:Plasmid DNA 12000		Restriction Dig	gestion Map		
Lane 1: Plasmid DNA 12000		1 2 M			
Lane 2: Plasmid digested by ApaI-EcoRI Lane M: DNA Marker 1500 1000 750	12000	Land	e1:Plasmid DNA		
— 2500 — 2000 — 1500 — 1000 — 750	— 6000 5000 — 4000		_	-	
— 750	— 2500 — 2000	Lan	e M: DNA Mark	er	
	— 750				

Certified by: Chou Fang

Date: <u>Oct/25/2024</u>
Valid until: <u>Oct/25/2027</u>