

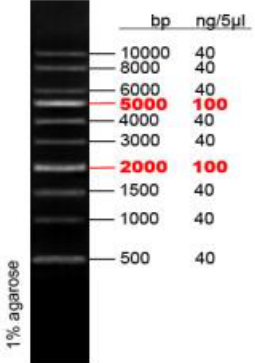
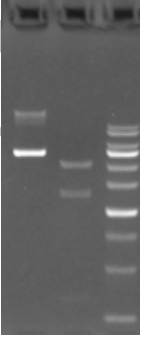
CERTIFICATE OF ANALYSIS

Vector Name	pKD46-Tet	Catalog No.	V015173
Project/Lot No.	80-1683320326-2/E742272	Strain	DH5a
Quantity	100ug	Resistance	Tetracycline

QC Results

Test Items	Specifications	Results
Appearance	Clear, no visible particles	Pass
Concentration	On request, default	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
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	-	-

Restriction Digestion Map

	1	2	M
<p>1kb ladder</p>  <p>bp ng/5µl</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>5000 100</p> <p>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>1% agarose</p>			
	<p>Lane 1: Plasmid DNA</p> <p>Lane 2: Plasmid digested with MluI and NcoI (291/698/2688/4315 bp in theory)</p> <p>Lane M: DNA Marker</p>		

Certified by: Chou Fang
Date: Nov/26/2024
Valid until: Nov/26/2026

