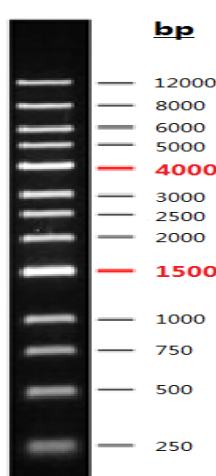


Certificate of Analysis			
Vector Name	*pKDsgRNA-ack vector	Catalog No.	V006986
Project/Lot No.	G0272503-5/D45949	Size	6,928 bp
Quantity	100ug	Resistance	Spectinomycin
QC Results			
Test Items	Specifications	Results	
Appearance	Clear, no visible particles	Pass	
Concentration	On request, default 1ug/uL	Pass	
A260/280	1.8 - 2.0	Pass	
A260/230	>2.0	Pass	
Supercoiled content	Predominantly supercoiled	Pass	
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, <100EU/mg (Endo-Free Preps Only)	Pass	
Label	Correct and white	Pass	
Sequencing	Correct	Pass	
Comments	-	-	
Restriction Digestion Map			
	1	2	M
	<p>Lane1:Plasmid DNA</p> <p>Lane2:Plasmid digested by XbaI-NotI</p> <p>Lane M: DNA Marker</p>		

*Arabinose inducible lambda red and anhydrotetracycline inducible sgRNA expression. It may take about 20 hours to grow.

Certified by: Chou Fang

Date: May-31-2023

Valid until: May-30-2026

