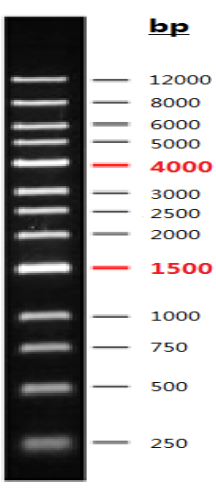
CERTIFICATE OF ANALYSIS

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



Lane1:Plasmid DNA

Lane2:Plasmid digested by XbaI-NotI

Lane M: DNA Marker

*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

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