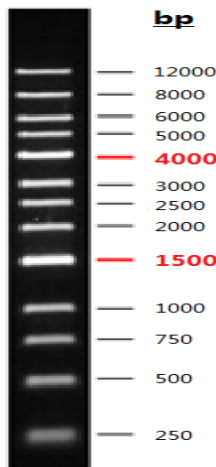


Certificate of Analysis			
Vector Name	pESC-HIS	Catalog No.	V010322
Project/Lot No.	G0220784-1/E23858	Strain	JM108
Quantity	100ug	Resistance	Ampicillin
QC Results			
Test Items	Specifications	Results	
Appearance	Clear, no visible particles	Pass	
Concentration	On request, default	Pass	
A260/280	1.8 - 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><b>Lane 1:</b> Plasmid DNA</p> <p><b>Lane 2:</b> Plasmid digested by PvuII (5,349 bp+1,357 bp in theory)</p> <p><b>Lane M:</b> DNA Marker</p>		

Certified by: Chou Fang

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Date: Apr/25/2024

Valid until: Apr/25/2026