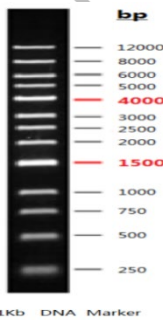


Certificate of Analysis			
Vector Name	pMD19-T	Catalog No.	V017510
Project/Lot No.	G0392111-1/ E54666	Strain	Top10
Quantity	100ug	Resistance	Ampicillin
QC Results			
Test Items	Specifications	Results	
Insert Sequence	Insert sequence results consistent with target	Pass	
Vector Sequence	Flanking sequence consistent with expected	Pass	
ORF Across Junction	Correct and consistent with target	N/A	
Restriction Digest	Expected fragment sizes observed	Pass	
PCR Amplification	Correct without non - specific bands	Pass	
DNA Quantity/Quality	Concentration (n/a if lyophilized)	N/A	
Genomic DNA	Purity (A 260/A280 = 1.8 - 2.0)	Pass	
Restriction Analysis	Matrix	TE (lyophilized)	
Endotoxin Test	Verified, <0.1 EU/μg (Endo-Free Preps Only)	N/A	
Appearance	Clear, no visible particles	Pass	
Label	Correct and white	Pass	
Comments	-	-	
Restriction Digestion Map			
	1	2	M
 <p>bp</p> <p>12000 8000 6000 5000 4000 3000 2500 2000 1500 1000 750 500 250</p> <p>1Kb DNA Marker</p>	<p>Lane 1: Plasmid</p> <p>Lane 2: Plasmid Digested with PvuII (329/2364 bp in theory)</p> <p>Lane M: DNA Marker</p>		

Certified by: Chou Fang
Date: Dec/02/2025
Valid until: Dec/02/2028

