CERTIFICATE OF ANALYSIS

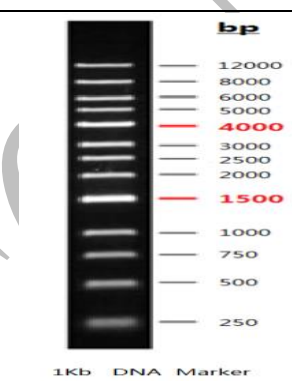
Vector Name	pUB-smFLAG-H2B-MS2	**Catalog No.**	V012827
Project/Lot No.	G0296066-1/X31402	**Strain**	Top10
Quantity	100ug	**Resistance**	Amp

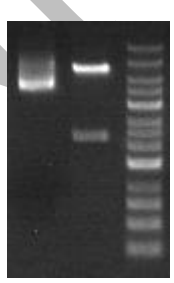
QC Results

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	Actual yield (by A 260)	5ug/5ug
	Concentration (n/a if lyophilized)	N/A
	Purity (A 260/A280 = 1.8 - 2.0)	Pass
	# of Tubes	2
	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	





Lane 1: Plasmid

Lane 2: Plasmid Digested with NotI-ApaI

Lane M: DNA Marker

Certified by: Chou Fang

Date: Nov/20/2023
Valid until: Nov/20/2026

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