

RIKEN_clone ID : W01A064M10

Vector : pENTR/D-TOPO

Gene	ADRBK1	
Accession No.	BC037963.1	3440 bp
	<i>CDS</i>	2070 bp
		246..2315

● Plasmid DNA purification

Date : 120321

Culture : LB (25 ug/ml Kanamycin) 5 ml -> 37°C O/N

Date : 120322

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

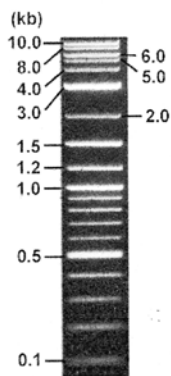
Date : 120322

DNA concentration (O.D.): 133 ng/ul

DNA	1	ul
Enzyme (NotI + BssHII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7	ul
Total	10	ul

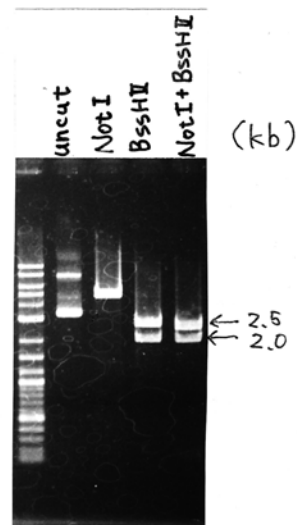
Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)



<Expected digestion pattern from BC037963.1 CDS>

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2553, 2038, 130, 2 bp



● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 120323

Shipped : 25 ng/ul, 40 ul

Final concentration : 25 ng/ul

DNA (<u>133</u> ng/ul)	85.0	ul
10x TE	45.2	ul
dH ₂ O	322.0	ul
Total	452.2	ul

