

RIKEN_clone ID: W01A019N02

Vector : pENTR/D-TOPO

Gene	SLC22A16	
Accession No.	BC047565.1	1983 bp
	<i>CDS</i>	1734 bp
		68..1801

● Plasmid DNA purification

Date : 110802

Culture : LB (25 ug/ml Kanamycin) 3 ml → 37°C O/N

Date : 110803

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

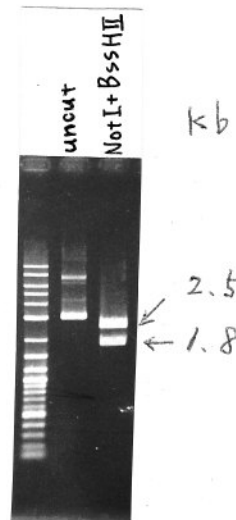
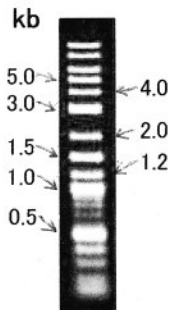
Date : 110803

DNA concentration (O.D.): 73 ng/ul

DNA	1 ul
Restriction enzyme (NotI+BssH II)	0.5+0.5 ul
Buffer H	1 ul
dH ₂ O	7 ul
Total	10 ul

Erectrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from BC047565.1 CDS>

2553, 1834 bp

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

Date : 110805

Shipped : 25 ng/ul, 40 ul

Final concentration : 25 ng/ul

DNA (<u>73</u> ng/ul)	82 ul
10 × TE	24 ul
dH ₂ O	134 ul
Total	240 ul

