

**RIKEN\_Clone\_ID : RBd81B05**

Vector : pGCAP10

Gene	EXOSC8	
RefSeq_mRNA	NM_181503.1	1427 bp
	<i>CDS</i>	831 bp
	<i>5'-terminal sequence</i>	1180 bp
		266..1096
		248..1427

● Plasmid DNA purification

Date : 120614

Culture : LB (100 ug/ml Ampicillin) 5 ml -> 37°C O/N

Date : 120615

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

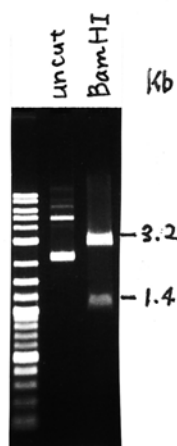
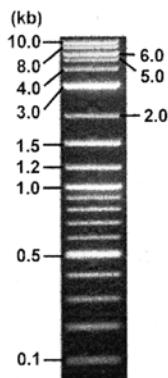
Date : 120615

DNA concentration (O.D.): 114 ng/ul

DNA	0.3	ul
Enzyme (BamHI)	1	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.7	ul
<b>Total</b>	<b>10</b>	<b>ul</b>

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from RBd81B05 >

3138, 1380 bp (inference)

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

Date : 120629

Shipped : 25 ng/ul, 40 ul

DNA ( <u>114</u> ng/ul)	88.0	ul
10x TE	40.1	ul
dH <sub>2</sub> O	273.2	ul
<b>Total</b>	<b>401.3</b>	<b>ul</b>

