

**RIKEN clone ID : IRAK048J15**

Vector : pBluescriptR

Gene	HLF	
Accession No.	BC036093.1	4030 bp
		1..4030
	<i>CDS</i>	888 bp
		480..1367

● Plasmid DNA purification

Date : 120327 Culture : LB (100 ug/ml Ampicillin) 5 ml -> 37°C O/N

Date : 120328 Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

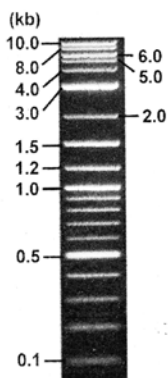
Date : 120328

DNA concentration (O.D.): 66 ng/ul

DNA	2 ul
Enzyme (SacII + KpnI)	0.5 + 0.5 ul
Buffer L	1 ul
dH <sub>2</sub> O	6 ul
Total	10 ul

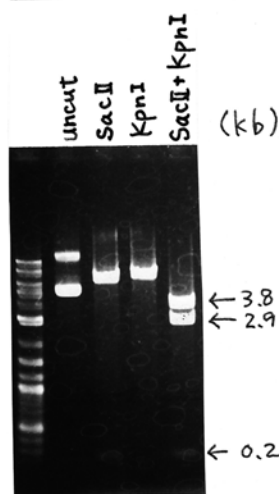
Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from BC036093.1 >

.....  
2862, 3840, 221, 97 bp



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

Date : 120330

Shipped : 25 ng/ul, 40 ul

Final concentration : 25 ng/ul

DNA ( <u>66</u> ng/ul)	77.0 ul
10x TE	20.3 ul
dH <sub>2</sub> O	106.0 ul
Total	203.3 ul

