

**RIKEN Clone ID : H3024G07**

Vector : pSPORT1

Gene	Mycl1	
5' EST Sequence	H3024G07-5	589 bp
3' EST Sequence	H3024G07-3	788 bp

● Plasmid DNA purification

Date : 121024

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

Date : 121025

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

● Digestion by restriction enzyme/Concentration calibration

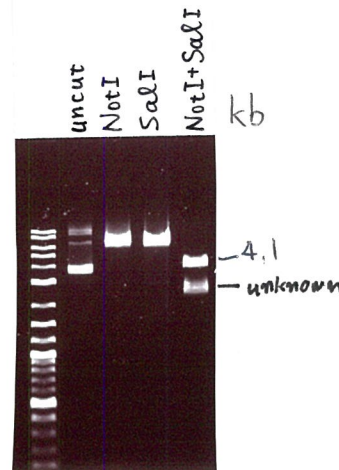
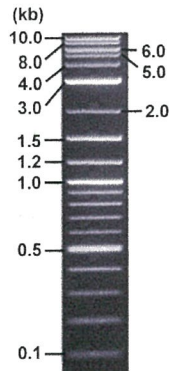
Date : 121025

DNA concentration (O.D.): 228 ng/ul

DNA	0.3	ul
Enzyme (NotI + SalI)	0.5 + 0.5	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 H3024G07 >

.....unknown, 4091 bp

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

Date : 121029

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

DNA ( <u>228</u> ng/ul)	<u>86.0</u>	ul
10x TE	<u>78.4</u>	ul
dH <sub>2</sub> O	<u>619.9</u>	ul
<b>Total</b>	<b>784.3</b>	<b>ul</b>





S/N G:168 A:156 T:141 C:127  
 KB.bcp  
 KB 1.4.1.8 Cap:24

Primer B : M13  
 5' GTTTTCACGTCACGACGTTGTA 3'  
 Version 5.4 HiSeqV Bases: 972

5723\_H3024G07\_M13(-40)  
 KB\_3500\_POP7\_BDTV3.mob  
 Pts 1341 to 12676 PK1 Loc:1318  
 Plate Name: 20121026\_TTH-GNP

