

**RIKEN Clone ID : H4037C11**

Vector : pSPORT1

Gene	Csnk1e	
5' EST Sequence	H4037C11-5	537 bp
3' EST Sequence	H4037C11-3	544 bp

● Plasmid DNA purification

Date : 130115

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

Date : 130116

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

● Digestion by restriction enzyme/Concentration calibration

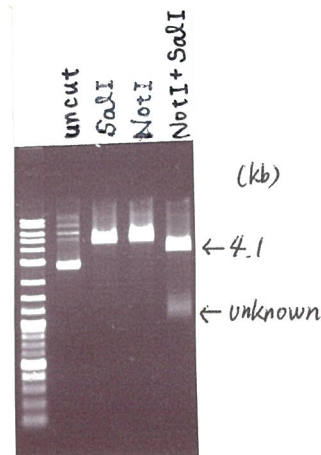
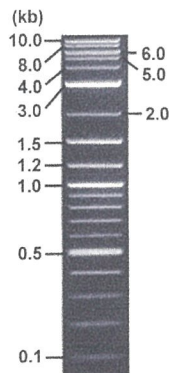
Date : 130116

DNA concentration (O.D.): 160 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 ul</b>

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from H4037C11 >

.....unknown, 4091 bp.....

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

Date : 130123

Shipping amount : 40 ul

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

DNA ( <u>160</u> ng/ul)	85.0 ul
10x TE	54.4 ul
dH <sub>2</sub> O	404.6 ul
<b>Total</b>	<b>544.0 ul</b>

Primer A : Reverse2

5' GCGGATAACAATTTCACACAGAG 3'

KB\_3500\_POP7\_BDTv3.mob  
 Pts 1344 to 14039 PK1 Loc:1321  
 Version 5.4 HiSeqV Bases: 1045

Cap:21

ATGGAFA :G HATTTC GCCAA GCTC TAA TACGACTCAC TATA GGGAAAGCTGGTACCGCC CTG CAGGTTACC GGTCCG GAATTC CCC GGGTCCGACA ATG GATTTT GTTCTTGTAT  
 1 11 21 31 41 51 61 PstI KpnI 71 EcoRI 81 SmaI SacI 91 101 111

vector ← → insert

