

RIKEN Clone ID : IRAL026002

Lot#: 7566_A8B9

Vector : pOTB7

Gene	CDC42EP1	
Accession No.	BC009356.2	2131 bp
	<i>CDS</i>	1155 bp

● Plasmid DNA purification

Date : 180219

Culture : LB (25 ug/ml Chloramphenicol) 5 ml -> at 37 deg C over night

Date : 180220

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180220

DNA concentration (O.D.): 65 ng/ul

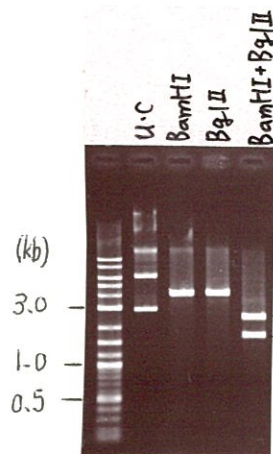
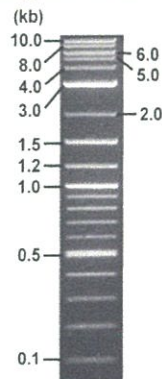
< Size of fragment expected from this clone >

DNA	1.5	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	6.5	ul
Total	10	ul

BamHI	3.9 kb	
BglII	3.9 kb	
BamHI + BglII	1.6kb (Vector)	2.3 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180228

DNA (65 ng/ul)	82.0	ul
10x TE	21.3	ul
dH ₂ O	109.9	ul
Total	213.2	ul

● Confirmation of the insertion sequence

Date : 180221

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul
 Conc. : ~~ng/ul~~, Volume : ~~ul~~



APPROVED BY : <http://dna.brc.riken.jp/index.html>

S/N G:102 A:87 T:82 C:174
KB.bcp
KB 1.4.1.8 Cap:1

Primer A: pOTB7-F
5' AACGCGGCTACAATTAATACATAACC 3'

Gray line indicates quality value
(QV) < 40.

