NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN Clone ID : ARe67H07

Lot# : 7672_B2Hf

Vector : pKA1U5

Gene	MAP3K13	
Accession No.	AB371441	714 bp

● Plasmid DNA purification

Date : 22.08.15 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 22.08.23 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 22.08.23

DNA concentration (O.D.): 304 ng/ul

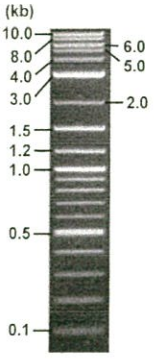
DNA	0.3 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

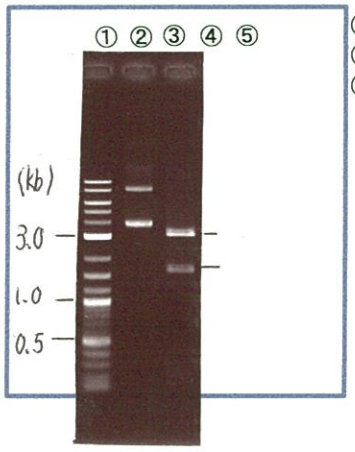
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 0.7, 0.2, unidentified kb (unsure)

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





①:Marker
②:uncut
③:BamHI

● Confirmation of the insertion sequence

Date : 22.12.1

Primer A	pGCAP-F
Primer B	pGCAP-R
Primer C	Poly(A) region
List of Sequencing Primers	http://dna.brc.riken.jp/en/NRCDhum2en.html

● Adjust plasmid DNA solution to 25 ng/ul

Date : 22.12.6

DNA (304 ng/ul)	84.0 ul
10x TE	102.1 ul
dH_2O	835.3 ul
Total	1021.4 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY : 確認 22.12.06 笹沼

http://dna.brc.riken.jp/index.html

Applied Biosystems

S/N G:399 A:675 T:458 C:6
KB.bcp
KB 1.4.1.8 Cap:12

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7672_ARe67H07_B2Hf_pGCAP_F_D03_12_ABI24
7672_ARe67H07_B2Hf_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1701 to 12174 Pk1 Loc:1684
Version 6.0 HiSQV Bases: 786

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Aug 24,2022 09:40AM, JST
Aug 24,2022 10:01AM, JST
Spacing:13.11 Pts/Panel1350
Plate Name: 20220824_GNP

