

RIKEN Clone ID : IRAK033A02

Vector : pBluescriptR

Gene	SH3GL2	
Accession No.	BC032825.2	2507 bp
	CDS	840 bp

● Plasmid DNA purification

Date : 2020.07.01

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 2020.07.02

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 2020.07.02

DNA concentration (O.D.): 286 ng/ul

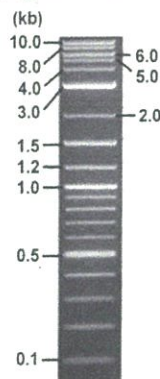
< Size of fragment expected from this clone >

DNA	0.35	ul
Enzyme (EcoRI + BamHI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.65	ul
Total	10	ul

EcoRI	5.3	kb
BamHI	5.3	kb
EcoRI + BamHI	2.8kb (Vector)	2.5 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



- ①:Marker
- ②:uncut
- ③:EcoRI
- ④:BamHI
- ⑤:EcoRI + BamHI

● Adjust plasmid DNA solution to 25 ng/ul

Date : 2020.07.08

DNA (<u>286</u> ng/ul)	<u>88.0</u>	ul
10x TE	<u>100.6</u>	ul
dH ₂ O	<u>818.1</u>	ul
Total	<u>1006.7</u>	ul

● Confirmation of the insertion sequence

Date : 2020.07.03

Primer A	T7
Primer B	Reverse2
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:173 A:198 T:134 C:260 Primer A : T7

7566_IRAK033A02_B0Fc_1_T7

Jul 03,2020 10:05AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jul 03,2020 10:34AM, JST

KB 1.4.1.8 Cap:10

5' TAATACGACTCACTATAGGG 3'

Pts 1769 to 8414 PK1 Loc:1737

Version 6.0 HiSQV Bases: 660

(QV) < 40.

Spacing:10.19 Pts/Panel1350

Plate Name: 20200703_GNP

