

**RIKEN Clone ID : IRAK091115**

Lot#: 7566\_B0Ln

Vector : pBluescript

Gene	LOC133308	
Accession No.	BC047447.1	1953 bp
	<i>CDS</i>	1614 bp

● Plasmid DNA purification

Date : 20.12.23

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

Date : 21.01.07

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

● Digestion by restriction enzyme/Concentration calibration

Date : 21.01.07

DNA concentration (O.D.): 262 ng/ul

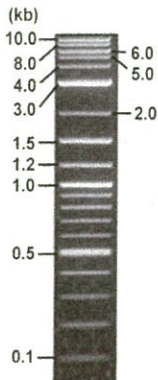
< Size of fragment expected from this clone >

DNA	<u>0.4</u> ul
Enzyme (EcoRI + BamHI)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>7.6</u> ul
Total	10 ul

EcoRI	4.8 kb
BamHI	4.8 kb
EcoRI + BamHI	2.8kb (Vector)      2.0 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 : 21.01.13

● Confirmation of the insertion sequence

Date : 21.01.13

DNA ( <u>262</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>94.3</u> ul
dH <sub>2</sub> O	<u>758.9</u> ul
Total	<u>943.2</u> ul

Primer A	T7
Primer B	Reverse2
Primer C	-
List of Sequencing Primers	<a href="http://dna.brc.riken.jp/en/GNPclone3en.html">http://dna.brc.riken.jp/en/GNPclone3en.html</a>

● 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:105 A:135 T:80 C:102

Primer A : T7

7566\_IRAK091115\_B0Ln\_T7

Jan 08,2021 09:50AM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Jan 08,2021 10:05AM, JST

KB 1.4.1.8 Cap:7

5' TAATACGACTCACTATAGGG 3'

Pts 1752 to 8706 Pk1 Loc:1720

Version 6.0 HiSQV Bases: 683 (QV) < 40.

Spacing:10.9 Pts/Panel1350

Plate Name: 20210108\_GNP

