

RIKEN Clone ID : IRAK078J15

Vector : pCMV-SPORT6

Gene	FZD2	
Accession No.	BC036881.1	1841 bp
	CDS	- bp

● Plasmid DNA purification

Date : 190205

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

Date : 190207

Purification : QIAGEN Miniprep kit → dH₂O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 190207

DNA concentration (O.D.): 334 ng/ul

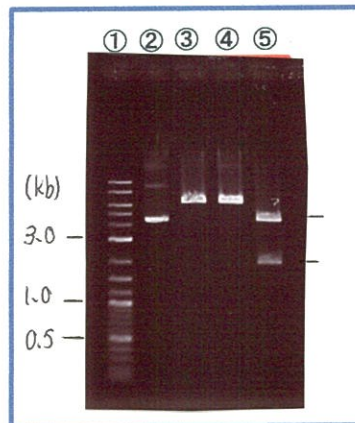
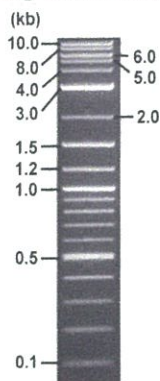
< Size of fragment expected from this clone >

DNA	<u>0.3</u> ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>7.7</u> ul
Total	10 ul

EcoRI	6.2 kb
XhoI	6.2 kb
EcoRI + XhoI	4.3kb (Vector) 1.9 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



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

● Adjust plasmid DNA solution to 25 ng/ul

Date : 190218

DNA (<u>334</u> ng/ul)	<u>40.0</u> ul
10x TE	<u>53.4</u> ul
dH ₂ O	<u>441.0</u> ul
Total	<u>534.4</u> ul

● Confirmation of the insertion sequence

Date : 190212

Primer A	Reverse2
Primer B	M13
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/μl, Volume : 40 μl
 Conc. : ng/μl, Volume : μl

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

S/N G:56 A:51 T:41 C:81
KB.bcp
KB 1.4.1.8 Cap:3

Primer A : Reverse2
5' GCGGATAACAATTTACACAGG 3'

Gray line indicates quality value
(QV) < 40.



S/N G:63 A:47 T:24 C:58

Primer B : M13

IRAK078J15_A9B5_M13(-40)

Feb 12,2019 09:42AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Feb 12,2019 10:13AM, JST

KB 1.4.1.8 Cap:2

5' GTTTTCCCAGTCACGACGTTGTA 3'

Pts 1784 to 8701 Pk1 Loc:1752

(QV) < 40.

Spacing:11.49 Pts/Panel1350

Plate Name: 20190212_GNP

