

**RIKEN Clone ID : IRAL019J07**

Lot#: 7566\_A9A9

Vector : pDNR-LIB

Gene	CXCL10	
Accession No.	BC010954.1	1207 bp
	CDS	297 bp

● Plasmid DNA purification

Date : 190110

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

Date : 190115

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

● Digestion by restriction enzyme/Concentration calibration

Date : 190115

DNA concentration (O.D.): 141 ng/ul

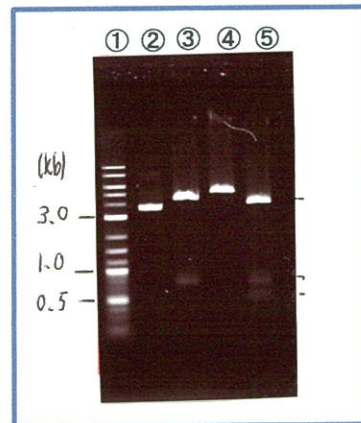
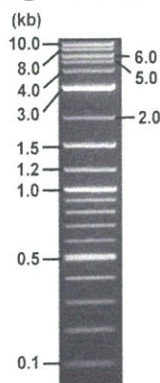
< Size of fragment expected from this clone >

DNA	<u>0.7</u> ul
Enzyme (EcoRI + XhoI)	<u>0.5 + 0.5</u> ul
Buffer H	<u>1</u> ul
dH <sub>2</sub> O	<u>7.3</u> ul
Total	<u>10</u> ul

EcoRI	<u>4.4 , 0.7</u> kb
XhoI	<u>5.1</u> kb
EcoRI + XhoI	<u>3.9kb (Vector) 0.7, 0.5</u> kb

Electrophoresis : 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 : 190121

DNA ( <u>141</u> ng/ul)	<u>74.0</u> ul
10x TE	<u>41.7</u> ul
dH <sub>2</sub> O	<u>301.6</u> ul
Total	<u>417.3</u> ul

● Confirmation of the insertion sequence

Date : 190118

Primer A	T7 long
Primer B	M13 Reverse
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:70 A:75 T:38 C:52  
KB.bcp  
KB 1.4.1.8 Cap:1

Primer A : T7 long

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

Gray line indicates quality value  
(QV) < 40.

