

Retro-X™ Vector Set

Catalog No.	Amount	Lot Number
631459 (Not sold separately) Sold as a part of 631508	Each	Specified on product label.

Description

The Retro-X Vector Set contains the Retroviral Vectors and Sequencing/PCR primers for use with the Retro-X System, a Retro-X System is a complete retroviral gene expression system for introducing stable, heritable genetic material into mammalian cell lines. This system can be used to infect dividing cells from a broad range of mammalian cell lines.

Package Contents

- 20 µg pLNCX2 Retroviral Vector (500 ng/µl)
- 20 µg pLXSN Retroviral Vector (500 ng/µl)
- 20 µg pLAPSN Retroviral Vector (500 ng/µl)
- 100 µl pLNCX Seq/PCR 5' Primer (20 µM)
- 100 µl pLNCX Seq/PCR 3' Primer (20 µM)
- 100 µl pLXSN Seq/PCR 5' Primers (20 µM)
- 100 µl pLXSN Seq/PCR 3' Primers (20 µM)

Storage Conditions

- Store at -20°C.
- Spin briefly to recover contents.
- Avoid repeated freeze/thaw cycles.

Expiration Date

- Specified on product label.

Storage Buffer

- 10 mM Tris-HCl 9pH 8.0)
- 1 mM EDTA (pH 8.0)

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- Retroviral Gene Transfer and Expression User Manual
- pLNCX2 Retroviral Vector Information
- pLNCX2 Vector Sequence in GenBank Format
- pLXSN Retroviral Vector Information

Takara Bio USA, Inc.

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Certificate of Analysis

Cat. No. 631459

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- pLXSN Vector Sequence in GenBank Format
- pLAPSN Retroviral Vector Information
- pLAPSN Vector Sequence in GenBank Format

Quality Control Data

Plasmid QC Results

Identity and Purity

The identity of each plasmid was verified by electrophoresis on an agarose/EtBr gel after digestion with the indicated enzymes. The purity of each plasmid was also checked by determining the A_{260}/A_{280} .

Vector	Plasmid size	Enzymes	Fragments
pLNCX2	6.1 kb	EcoRI/XbaI	1.6, 1.9 & 2.6 kb
pLXSN	5.9 kb	SacI/HindIII	1.3, 1.4 & 3.1 kb
pLAPSN	7.9 kb	BamHI	0.3, 1.7 & 5.9 kb

Primers

The primers were tested by sequencing using a positive control template.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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631459

NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

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4/10/2023