

Retro-X™ Vector Set

Catalog No.
631459

Lot Number
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.

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Storage Buffer

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

Shipping Conditions

- Dry ice (-70°C)

Product Documents

Documents for Clontech® products are available for download at www.clontech.com/manuals
The following documents apply to this product:

- Retroviral Gene Transfer and Expression User Manual (PT3132-1)
- Vector Information Packets (PT3297-5, PT3135-5, and PT3134-5)

Clontech Laboratories, Inc.

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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} .

<u>Vector</u>	<u>Plasmid Size (kb)</u>	<u>Enzyme</u>	<u>Fragment Size (kb)</u>
pLNCX2	6.1	EcoRI/XbaI	1.6, 1.9, and 2.6
pLXSN	5.9	SacI/HindIII	1.3, 1.4, and 3.1
pLAPSN	7.9	BamHI	0.3, 1.7, and 5.9

Primers

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

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