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**PRODUCT: pRetro-Lib Vector**

**CATALOG NO.**  
635002

**AMOUNT**  
20 µg

**DESCRIPTION**

pRetro-Lib, derived from Moloney murine leukemia virus (MoMuLV), is designed for delivery and expression of retroviral libraries or genes. Upon transfection into a packaging cell line, pRetro-Lib can transiently express, or integrate and stably express, a transcript containing (psi, the extended viral packaging signal) and the gene of interest. The 5' viral LTR in this vector contains a viral promoter that controls expression of genes cloned into the MCS..

**LOT NUMBER**

Specified on product label.

**STORAGE BUFFER**

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

**STORAGE CONDITIONS**

- Store plasmid 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.

**SHIPPING CONDITIONS**

Blue ice (4°C) or dry ice (-70°C).

**CONCENTRATION:** 0.5 µg/µl

**PLASMID SIZE:** 4.9 kb

**CLONING SITES**

EcoRI, SfiIA, SfiIB, ClaI

**ANTIBIOTIC RESISTANCE**

Ampicillin (50 µg/ml for propagation in *E. coli*)

**PACKAGE CONTENTS**

1 tube of pRetro-Lib Vector

**OTHER**

Vector Information Packet (PT3627-5)

**FOR RESEARCH USE ONLY**

**QUALITY CONTROL DATA**

- Digestion with the indicated restriction enzymes produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

Enzymes	Fragments
SfiI	4.7 & 0.2 kb
HpaI	4.9 kb

- $A_{260}/A_{280}$ : 1.8–2.0



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(PA053878)

## pRetro-Lib Vector

### CATALOG NO.

635002

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