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PRODUCT: pRetro-Lib Vector

CATALOG NO.
635002

AMOUNT
20 µg

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).

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..

CONCENTRATION: 0.5 µg/µl

PLASMID SIZE: 4.9 kb

CLONING SITES

EcoRI, SfiI, 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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