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PRODUCT: pIRESbleo3 Vector

CATALOG NO.
631622

AMOUNT
20 µg

DESCRIPTION

The pIRESbleo3 Vector is designed for the efficient production of stable cell lines expressing recombinant proteins in mammalian cells. This vector contains the internal ribosome entry site (IRES) of the encephalomyocarditis virus (ECMV) which permits both the gene of interest and the bleomycin selection marker to be translated from a single mRNA.

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: 500 ng/µl

PLASMID SIZE: 4.9 kb

CLONING SITES

EcoR V, *Not* I, *EcoR* I, *Bam*H I, *Bst*X I,

ANTIBIOTIC RESISTANCE

Ampicillin (100 µg/ml for propagation in *E. coli* DH5α)

PACKAGE CONTENTS

1 tube of pIRESbleo3 Vector

OTHER

Vector Information Packet (PT3643-5)

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:

Enzyme(s)	Fragment(s)
<i>EcoR</i> I	4.9 kb
<i>Bgl</i> II	3.0, 1.2 & 0.7 kb

- A_{260}/A_{280} : 1.8 – 2.0
- The identity of this vector was confirmed by sequencing.



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