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PRODUCT: pIRESpuro3 Vector

CATALOG NO.
631619

AMOUNT
20 µg

DESCRIPTION

pIRESpuro3 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 puromycin 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: 5.2 kb

CLONING SITES
EcoR V, *Nhe* I, *Eco47* III, *Afl* II, *Age* I, *BspE* I, *BstB* I, *EcoR* I, *BamH* I, *Not* I, *BsfX* I

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

PACKAGE CONTENTS
1 tube of pIRESpuro3 Vector

FOR RESEARCH USE ONLY

OTHER
Vector Information Packet (PT3646-5)

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>BamH</i> I	5.2 kb
<i>Pvu</i> II	3.0 & 2.1 kb

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



Clontech

United States/Canada
800.662.2566

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.543.6116

Clontech Laboratories, Inc.
A Takara Bio Company
1290 Terra Bella Ave.
Mountain View, CA 94043
Technical Support (US)
E-mail: tech@clontech.com
www.clontech.com

APPROVED BY: _____

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