

pIRESpuro3 Vector

Catalog No.
631619

Amount
20 µg

Lot Number
Specified on product label.

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.

- **Plasmid Size:** 5.2 kb
- **Cloning Sites:** EcoRV, NheI, Eco47III, AflIII, AgeI, BspEI, BstBI, EcoRI, BamHI, NotI, BsfXI
- **Antibiotic Resistance:** Ampicillin (100 µg/ml for propagation in *E. coli* DH5α)

Package Contents

- 20 µg pIRESpuro3 Vector (500 ng/µl)

Storage Conditions

- Store at -20°C.
- Spin briefly to recover contents.
- Avoid repeated freeze/thaw cycles.

Expiration Date

- Specified on product label.

Storage Buffer

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

Concentration

- 500 ng/µl

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- pIRESpuro3 Vector Information
- pIRESpuro3 Vector Sequence in GenBank Format

Takara Bio USA, Inc.

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Quality Control Data

Plasmid Identity & Purity

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

Enzymes	Fragments
BamH I	5.2 kb
BamH I & Pvu II	3.0 & 2.1 kb

- Vector identity was confirmed by sequencing.
- A_{260}/A_{280} : 1.8–2.0

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

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