

pIRES Vector

Catalog No.
631605

Amount
20 µg

Lot Number
Specified on product label.

Description

Bicistronic expression vector for the simultaneous translation of two genes of interest from the same mRNA transcript. Each gene should be inserted into one of two MCSs located on either side of the ECMV internal ribosomal entry site (IRES). The entire cassette is driven by the CMV promoter. The vector also contains the neomycin antibiotic resistance gene for selection with G418 in mammalian cells.

- **Plasmid Size:** 6.1 kb
- **Cloning Sites:** Nhe I, Xho I, EcoR I, Mlu I, Xba I, Sal I, Not I
- **Antibiotic Resistance:** Ampicillin (70 µg/ml for propagation in *E. coli* DH5α)

Package Contents

- 20 µg pIRES 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:

- pIRES Vector Information
- pIRES 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
EcoR I	6.1 kb
EcoR I/Not I	5.4 & 0.7 kb

- 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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