

## pEmpty Vector

**Catalog No.**

631298 (not sold separately)  
Sold as a part of 631294 & 631295

**Amount**

10 µg

**Lot Number**

Specified on product label.

### Description

The pEmpty Vector allows for cloning and expression of the desired protein, such as an envelope protein, under the CMV promoter. The pEmpty Vector contains two different regions of restriction sites flanking a small DNA fragment encoding partially for the *lacZ* gene. The excision of this DNA fragment is a clear indication of successful plasmid digestion. Please see the plasmid map for a detailed list of these restriction sites.

### Package Contents

- 20 µl pEmpty Vector (500 ng/µl)

### Storage Conditions

- Store at -20°C.

### Expiration Date

- Specified on product label.

### Shipping Conditions

- Dry ice

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](http://takarabio.com/manuals)

The following documents apply to this product:

- Lenti-X™ SARS-CoV-2 Packaging Single Shots Universal System Protocol-at-a-Glance
- Lenti-X Packaging Single Shots (Envelope-Free) Protocol-at-a-Glance
- pEmpty Vector Sequence in GenBank Format

### Quality Control Data

#### Plasmid Identity

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

Enzymes	Fragments
BamHI	5,043 bp
HindIII/ApaLI	2,353 bp, 1,394 bp, 1,246 bp & 50 bp*

\*50 bp fragment is not visible on 0.8% agarose/EtBR gel

- A260/A280: 1.8–2.0
- Vector identities were confirmed by sequencing

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

**Takara Bio USA, Inc.**

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### CATALOG NO.

631298

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7/19/2023