

Ecotropic Receptor Booster

Catalog No.

631471

Amount

20 rxns

Lot Number

Specified on product label.

Description

The Ecotropic Receptor Booster increases the transduction efficiency of cells that are either resistant to infection, or inefficiently infected by ecotropic pseudotyped lentivirus or retrovirus. The Ecotropic Receptor Booster consists of exosome-like particles coated with the mCAT-1 receptor. When applied to target cells, fusion of the exosome-like particles with the host cell plasma membrane temporarily increases surface mCAT-1 receptor, thus allowing for efficient viral transduction. The Ecotropic Receptor Booster renders cells that cannot usually be transduced with ecotropic pseudotyped virus (e.g., human cell lines) susceptible to viral infection.

Package Contents

- 200 µl Ecotropic Receptor Booster

Storage Conditions

- Store at -70°C.

Expiration Date

- Specified on product label.

Storage Buffer

- Supplied in a PBS-based (phosphate-buffered saline) formulation.

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:

- Viral Receptor Booster Protocol-At-A-Glance
- Retroviral Gene Transfer and Expression User Manual
- Lenti-X™ Lentiviral Expression Systems User Manual

Quality Control Data

HT1080 cells were treated with 10 µl of Ecotropic Receptor Booster and then transduced with pLVX-ZsGreen1 lentivirus packaged with the Lenti-X HTX Ecotropic Packaging System. 72 hr post transduction, >50% of the HT1080 cells were transduced with lentivirus as determined by FACS analysis.

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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STATEMENT 225

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7/6/2023