

Cre Recombinase Gesicles

Catalog Nos.

631449

Amount

200 µl

Lot Number

Specified on product label.

Description

Cre Recombinase Gesicles are cell-derived nanovesicles used to deliver active Cre recombinase protein directly into target cells. When they are applied to your target cells, the gesicles fuse with the plasma membrane and deliver a temporary dose of Cre recombinase, which facilitates recombination at *loxP* sites contained within the cell. As an added benefit, Cre Recombinase Gesicles contain CherryPicker™ protein, a membrane-targeted version of the mCherry fluorescent protein that helps to confirm the delivery of the Cre recombinase to your target cells.

Package Contents

- 200 µl Cre Recombinase Gesicles

Storage Conditions

- Store at -70°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

The following documents apply to this product:

- Cre Recombinase Gesicles Protocol-At-A-Glance

Quality Control Data

A sample was tested to ensure the quality of this lot of Cre Recombinase Gesicles. CHO-K1 cells containing a floxed ZsGreen1 reporter were treated with 5 µl of the Cre Recombinase Gesicles according to the protocol and FACS analyzed for *ZsGreen1* expression after 48 hrs. Greater than 90% of the cells were green as determined by FACS.

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

Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: technical_support@takarabio.comUnited States/Canada
800.662.2566
(042623)Asia Pacific
+1.650.919.7300Europe
+33.(0)1.3904.6880Japan
+81.(0)77.565.6999

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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.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product's web page at <http://www.takarabio.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

STATEMENT 83

The Living Colors mCherry Monoclonal Antibody has been obtained from National University of Shimane.

STATEMENT 225

Gesicle Technology. This product and its use are the subject of European patents and patent applications related to EP09306091, owned by Inserm Transfert. For research use only – not for therapeutic or diagnostic use in humans. No rights granted other than the right to use for research purposes.

In addition, Inserm Transfert is the owner of European patent application EP09306092.9 relating to the use of microvesicles for cell engineering purposes. The products should not be used to develop, make, have made, use and sell or otherwise distribute any product, composition, method, service or process for commercial services that would infringe said patent application, unless a license is negotiated with Inserm Transfert, at 7 rue Watt, 75013 Paris, France (www.inserm-transfert.fr).

STATEMENT 259

This Product is protected by one or more patents from the family consisting of: JP6454352 and any corresponding patents, divisionals, continuations, patent applications and foreign filings sharing common priority with the same family.

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U.S. Technical Support: technical_support@takarabio.com

United States/Canada

800.662.2566

Asia Pacific

+1.650.919.7300

Europe

+33.(0)1.3904.6880

Japan

+81.(0)77.565.6999

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