

## CAR Receptor Booster

**Catalog No.**

631470

**Amount**

20 rxns

**Lot Number**

Specified on product label.

### Description

The CAR Receptor Booster increases the transduction efficiency of target cells to infection by adenovirus. The CAR Receptor Booster consists of exosome-like particles coated with adenoviral receptor protein CAR. When applied to target cells, fusion of the particles with the host cell plasma membrane temporarily increases surface levels of CAR to allow for efficient adenoviral transduction. Additionally, CAR Receptor Booster renders cells that cannot usually be transduced with adenovirus (e.g. hematopoietic cells) susceptible to infection.

### Package Contents

- 200 µl CAR 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](https://takarabio.com/manuals)  
The following documents apply to this product:

- Viral Receptor Booster Protocol-At-A-Glance
- Adeno-X™ Adenoviral System 3 User Manual

### Quality Control Data

CHO-K1 cells were treated with 10 µl of the CAR Receptor Booster and then transduced with LacZ-expressing adenovirus produced with the Adeno-X Adenoviral System 3. After 48 hours, greater than 50% of the treated CHO-K1 cells were transduced with adenovirus as determined by beta-galactosidase staining.

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

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**Takara Bio USA, Inc.**

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### CATALOG NO.

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### STATEMENT 225

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7/6/2023