

Xfect™ Single Shots (Midi) Certificate of Analysis

Catalog Nos.	Amount	Lot Number
631366	96 rxns	Specified on product label.
631446	24 rxns	Specified on product label.

Description

Xfect Transfection Reagent creates biodegradable nanoparticles that permit superior transfection efficiency of plasmid DNA into mammalian cells. Transfections can be carried out entirely in the presence of serum. Xfect Single Shots are single-transfection aliquots of lyophilized Xfect Transfection Reagent in individual tubes, supplied here in boxes containing 96 tubes or 24 tubes. Each midi-format Xfect Single Shot tube is designed for use in a single well of a 6-well plate.

Package Contents

Cat. No. 631366

- 1 box containing 96 Xfect Single Shots (Midi), in a foil pouch

Cat. No. 631446

- 1 box containing 24 Xfect Single Shots (Midi), in a foil pouch

Storage Conditions

- Store Xfect Single Shots at -20°C in the supplied foil pouch containing the desiccant sachet.
- Make sure to return the box containing any unused Xfect Single Shots to the supplied foil pouch containing the desiccant sachet, and store at -20°C .

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Shipping Conditions

- Dry ice (-70°C)

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- Xfect Single Shots (Midi) Protocol-at-a-Glance

Quality Control Data

Transfection Test

HeLa cells were transfected with 5 μg of plasmid DNA encoding AcGFP1 according to the protocol outlined in the Xfect Single Shots (Midi) Protocol-at-a-Glance. 48 hr posttransfection, AcGFP1 expression was assessed by flow cytometry, and transfection efficiency (as determined by the percentage of HeLa cells expressing AcGFP1) was demonstrated to be $>75\%$.

Takara Bio USA, Inc.

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Sterility Test

There was no evidence of bacterial or fungal growth after inoculation on thioglycollate medium and tryptic soy broth.

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

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CATALOG NO.

631366, 631446

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 63

Use of this product is covered by one or more of the following U.S. Patent Nos. and corresponding patent claims outside the U.S.: 6,998,115; 7,427,394. This product is intended for research purposes only. It may not be used for (i) any human or veterinary use, including without limitation therapeutic and prophylactic use, (ii) any clinical use, including without limitation diagnostic use, (iii) screening of chemical and/or biological compounds for the identification of pharmaceutically active agents (including but not limited to screening of small molecules), target validation, preclinical testing services, or drug development. Any use of this product for any of the above mentioned purposes requires a license from the Massachusetts Institute of Technology.

STATEMENT 259

This product is protected by Japanese Patent No. 6454352 and corresponding U.S. pending patent and other foreign patents pending. For further license information, please contact a Takara Bio USA licensing representative by email at licensing@takarabio.com.

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