

Rat Testis Marathon®-Ready cDNA

Catalog No.
639417

Amount
30 rxns

Lot Number
1805300A

Description

Marathon-Ready cDNA is high-quality, double-stranded cDNA which has been ligated to the Marathon Adaptor and is ready for use as a template in 5' and 3' Marathon RACE reactions. In many cases, the full-length cDNA can then be obtained by end-to-end amplification or standard cloning. Enough material is provided for 30 50- μ l Marathon RACE reactions.

Package Contents

- 150 μ l Rat Testis Marathon-Ready cDNA
- 50 μ l Adaptor Primer 1 (AP1; 10 μ M)
- 50 μ l Nested Adaptor Primer 2 (AP2; 10 μ M)
- 20 μ l Control 5'-RACE G3PDH Primer (10 μ M)
- 20 μ l Control 3'-RACE G3PDH Primer (10 μ M)

Storage Conditions

- Store at -20°C .
- Avoid multiple freeze/thaw cycles.

Shelf Life

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

Storage Buffer

- 10 mM Tricine-KOH (pH 9.2)
- 1 mM EDTA

Concentration

- ≈ 0.1 ng/ μ l

Poly A⁺ RNA Source

- Normal testis pooled from 200 male Sprague-Dawley rats, ages: 8-12 weeks
- No further RNA source information is available.

Shipping Conditions

- Dry ice (-70°C)

Takara Bio USA, Inc.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: techUS@takarabio.com

United States/Canada
800.662.2566
(011419)

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.565.6999

Certificate of Analysis

Cat. No. 639417

Rat Testis Marathon-Ready cDNA

Product Documents

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

The following documents apply to this product:

- Marathon-Ready cDNA User Manual
- Marathon-Ready cDNA Protocol-at-a-Glance

Quality Control Data

5' and 3' cDNA fragments of the glyceraldehyde 3-phosphate dehydrogenase (G3PDH) gene were amplified using the Marathon RACE procedure and the Advantage® 2 Polymerase Mix (Cat. No. 639201). 5'-RACE was primed with the AP1 Primer and the Control 5'-RACE G3PDH Primer; 3'-RACE was primed with the AP1 Primer and the Control 3'-RACE G3PDH Primer. Following 20 cycles of amplification, a major 5'-RACE product of 1.09 kb and a major 3'-RACE product of 1.2 kb were observed on a 1.2% agarose/EtBr gel.

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

Rat Testis Marathon®-Ready cDNA

CATALOG NO.

639417

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.

TRADEMARKS:

©2019 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.

Takara Bio USA, Inc.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA

U.S. Technical Support: techUS@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

1/16/2019