

Mouse Heart Marathon®-Ready cDNA

Catalog No.	Amount	Lot Number
639404	30 rxns	1706700A

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 Mouse Heart 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 whole hearts pooled from 1600 female BALB/c mice, ages: 8-12 weeks
- No further RNA source information is available.

Shipping Conditions

- Dry ice (-70°C)

Takara Bio USA, Inc.

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Certificate of Analysis

Cat. No. 639404

Mouse Heart 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.

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Our products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. 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 prior written approval of Takara Bio USA, Inc.

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