

PRODUCT: Mouse Liver Marathon®-Ready cDNA**CATALOG No.** 639401**LOT NUMBER:** 1407570A**STORAGE BUFFER**

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

STORAGE CONDITIONS

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

SHELF LIFE

1 year from date of receipt under proper storage conditions.

SHIPPING CONDITIONS

Dry ice (-70°C)

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-µl Marathon RACE reactions.

CONCENTRATION: ≈ 0.1 ng/µl

POLY A⁺ RNA SOURCE

Normal whole livers pooled from 800 male BALB/c mice, ages: 9-12 weeks

No further RNA source information is available.

PACKAGE CONTENTS

- 150 µl Mouse Liver Marathon-Ready cDNA
- 50 µl Adaptor Primer 1 (AP1; 10 µM)
- 50 µl Nested Adaptor Primer 2 (AP2; 10 µM)
- 20 µl Control 5'-RACE G3PDH Primer (10 µM)
- 20 µl Control 3'-RACE G3PDH Primer (10 µM)

PRODUCT DOCUMENTS

Documents for Clontech products are available for download at www.clontech.com/manuals. The following documents apply to this product:

- Marathon-Ready cDNA User Manual (PT1156-1)
- Marathon-Ready cDNA Protocol-at-a-Glance (PT1156-2)

FOR RESEARCH USE ONLY

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.

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Mouse Liver Marathon®-Ready cDNA

CATALOG NO.

639401

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