

PRODUCT: Human Brain, Hippocampus Marathon®-Ready cDNA**CATALOG No.** 639319**LOT NUMBER:** 1310204A**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 brains (hippocampus) pooled from 27 male/female Caucasians, ages: 20-68; cause of death: trauma

No further RNA source information is available.

PACKAGE CONTENTS

- 150 μl Human Brain, hippocampus 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.

**Clontech**

United States/Canada
800.662.2566

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.543.6116

Clontech Laboratories, Inc.
A Takara Bio Company
1290 Terra Bella Ave.
Mountain View, CA 94043
Technical Support (US)
E-mail: tech@clontech.com
www.clontech.com

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Human Brain, Hippocampus Marathon®-Ready cDNA

CATALOG NO.

639319

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Clontech Laboratories, Inc.

A Takara Bio Company
1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: tech@clontech.com

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United States/Canada	Asia Pacific	Europe	Japan
800.662.2566	+1.650.919.7300	+33.(0)1.3904.6880	+81.(0)77.543.6116