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Marathon-Ready™ cDNA

CATALOG No. 639317

LOT No. 5100660

STORAGE BUFFER

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

STORAGE CONDITIONS:

- -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) or blue ice (-20°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 ovaries pooled from 15 Caucasians, ages 20–60; cause of death: Sudden death or trauma

No further RNA source information is available.

PACKAGE CONTENTS

- 150 µl Human Ovary 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)
- Complete User Manual (PT1156-1)
- 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 single 5'-RACE product of 1.09 kb and a single 3'-RACE product of 1.2 kb were observed on a 1.2% agarose/EtBr gel.

APPROVED BY: _____



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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

(PA32497)