PRODUCT: Human Mammary Gland Marathon®-Ready cDNA

CATALOG No. 639309

LOT NUMBER: 6030473

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 mammary glands pooled from 3 Caucasians, ages 25–32; cause of death: sudden death

No further RNA source information is available.

PACKAGE CONTENTS
- 150 µl Human Mammary Gland 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 USER MANUALS
User manuals for Clontech products are available for download at www.clontech.com/manuals. The following user manuals 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.
Human Mammary Gland Marathon®-Ready cDNA

CATALOG NO.

639309

NOTICE TO PURCHASER:

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 Clontech Laboratories, Inc.

Your use of this product is also subject to compliance with the licensing requirements listed below and described on the product’s web page at http://www.clontech.com. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

TRADEMARKS:

Clontech, the Clontech logo, Advantage and Marathon are trademarks of Clontech Laboratories, Inc.

All other marks are the property of their respective owners. Certain trademarks may not be registered in all jurisdictions. Clontech is a Takara Bio Company. ©2016 Clontech Laboratories, Inc. This document has been reviewed and approved by the Clontech Quality Assurance Department.