

Human Brain, Cerebellum Marathon®-Ready cDNA

Catalog No.
639301

Amount
30 rxns

Lot Number
2002316A

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.

Package Contents

- 150 µl Human Brain, Cerebellum 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)

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/µl

Poly A⁺ RNA Source

- Normal brain cerebellum pooled from 24 male/female Caucasians, ages: 16-70; cause of death:sudden death
- No further RNA source information is available.

Shipping Conditions

- Dry ice (-70°C)

Certificate of Analysis

Cat. No. 639301

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Product Documents

Documents for our products are available for download at [takarabio.com/manuals](https://www.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 Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. 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 our prior written approval.

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