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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Mouse Universal Reference cDNA-Random Hexamer

Catalog #: MD-UR-40-RH

Quantity: 1x40 reactions

Product Description

Mouse Universal Reference cDNA-Random Prime is a full length first strand cDNA synthesized from universal reference total RNA which is isolated from all tissues of several adult male and female C57BL/6 mice using modified guanidine thiocyanate techniques.

The cDNA is primed with Random Hexamer primer and can be used in gene cloning, target sequencing and as a control for gene expression analysis by regular PCR and real time PCR. Each cDNA product is enough for 40 PCR reactions.

Features:

- **Synthesized from high quality intact universal reference total RNA**
- **Consistent control for standard data set comparisons**
- **Prepared from all mouse tissues for broad gene coverage**
- **Made at industrial scales to minimize lot-to-lot variation.**

Quality Control: The integrity of each RNA sample used for cDNA synthesis is verified by denatured agarose gel electrophoresis. The purity of RNA is assessed by spectrophotometer (A260/A280: 1.9-2.1). Residual DNA contamination is tested by PCR.

The synthesized cDNA is also used as template PCR amplification of β -actin gene. PCR product of β -actin was visualized on 1% agarose gel.

Applications: cDNA is ideal as a control for gene expression analysis by real time and regular PCR, characterization of alternative splicing of mRNA, verification of genetic mutation, gene cloning and target sequencing.

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