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## PRODUCT: qPCR Human Reference cDNA, random-primed

CATALOG No.	AMOUNT	VOLUME	DESCRIPTION
639653	25 rxns	50 $\mu$ l	cDNAs prepared from a mixture of total RNAs collected from adult normal human tissues. This cDNA mixture has been chosen to represent a broad range of expressed genes.
639654	100 rxns	200 $\mu$ l	
<b>LOT NUMBER</b>			
Specified on product label.			
<b>CONCENTRATION</b>			
50 ng equiv. total RNA/ $\mu$ l			
<b>FORM</b>			
Solution of cDNA in a Tris containing buffer			
<b>STORAGE CONDITIONS</b>			
Store at $-20^{\circ}\text{C}$ .			
<b>SHELF LIFE</b>			
1 year from date of receipt under proper storage conditions.			The sample was random 9-mer primed.
<b>SHIPPING CONDITIONS:</b> Dry ice ( $-70^{\circ}\text{C}$ )			
<b>FOR RESEARCH USE ONLY</b>			

### QUALITY CONTROL DATA

The total RNA template was tested by real-time qPCR in order to assess levels of contaminating genomic DNA; <0.01% (w/w) genomic DNA was detected.

### FUNCTIONAL QUALITY CONTROL

The qPCR Human Reference cDNA, random-primed, was tested for performance in real-time quantitative PCR for the human PPIA gene using a SYBR<sup>®</sup> Green detection platform. Six sequential fivefold dilutions of first-strand cDNA, corresponding to a range of total human RNA from 20 ng to 6.4 pg, were used as template. Expected results were observed.

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](mailto:tech@clontech.com)  
[www.clontech.com](http://www.clontech.com)

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