

## qPCR Human Reference cDNA, Oligo(dT)-primed

### Catalog Nos.

636692

636693

### Amount

25 rxns

100 rxns

### Lot Number

Specified on product label.

Specified on product label.

### Description

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. The sample was oligo(dT) primed.

qPCR Human Reference cDNA serves as a standard for accurate and reproducible comparison of gene expression data using qPCR (quantitative PCR) as well as a positive control template for validation of gene primer design. Enough cDNA is supplied for either 25 or 100 reactions requiring 2 µl of sample per reaction; the number of reactions is based on a 50 µl reaction volume.

### Package Contents

636692

(25 rxns)

50 µl

636693

(100 rxns)

200 µl

qPCR Human Reference cDNA, Oligo(dT)-primed

### Storage Conditions

- Store at -20°C.

### Expiration Date

- Specified on product label.

### Concentration

- 50 ng/µl equiv. total RNA in a tris-containing buffer

### Shipping Conditions

- Dry ice

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](http://takarabio.com/manuals)

### Quality Control Data

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

### Functional Quality Control

The qPCR Human Reference cDNA, oligo(dT)-primed, was tested for performance in real-time quantitative PCR for the human PPIA gene using a platform to detect green intercalating dye. 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.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

### Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: [technical\\_support@takarabio.com](mailto:technical_support@takarabio.com)

United States/Canada  
800.662.2566  
(110723)

Asia Pacific  
+1.650.919.7300

Europe  
+33.(0)1.3904.6880

Japan  
+81.(0)77.565.6999

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### CATALOG NOS.

636692 & 636693

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