

# invitrogen™

by *life* technologies™

## CTP (Cytidine 5'-Triphosphate)

<b>Cat. no.</b>	<b>Size</b>	<b>Conc.</b> 10 mM
18331-017	500 µL	<b>Store at</b> -30°C to -10°C
<b>Pub. Part no.</b> 18331017.pps	MAN0001388	<b>Rev. Date</b> 16 August 2011

### Description

Cytidine 5'-triphosphate is dissolved in DEPC-treated water and neutralized to pH 7.0 with NaOH. Tris-HCl pH 7.5 is added to a final concentration of 1 mM. This solution is qualified for work in *in vitro* transcription reactions.

### Functional Assay Conditions

- 20 µL 5 T3/T7 Reaction Buffer
- 10 µL 10 mM NTP Mix
- 1 µg linearized plasmid DNA
- 5 µL 0.1 M DTT
- 2 µL T7 RNA Polymerase (50 U/µL)
- Reaction volume: 100 µL
- Incubation Time: 1 hour at 37°C

**Intended Use:** For research use only.

Not intended for any animal or human therapeutic or diagnostic use.

## Certificate of Analysis

The Certificate of Analysis (CofA) provides detailed quality control information for each product. The CofA is available on our website at [www.invitrogen.com/cofa](http://www.invitrogen.com/cofa), and it is searchable by product lot number, which is printed on each box.

## Limited Use Label License No. 358: Research Use Only

The purchase of this product conveys to the purchaser the limited, non-transferable right to use the purchased amount of the product only to perform internal research for the sole benefit of the purchaser. No right to resell this product or any of its components is conveyed expressly, by implication, or by estoppel. This product is for internal research purposes only and is not for use in commercial applications of any kind, including, without limitation, quality control and commercial services such as reporting the results of purchaser's activities for a fee or other form of consideration. For information on obtaining additional rights, please contact [outlicensing@lifetech.com](mailto:outlicensing@lifetech.com) or Out Licensing, Life Technologies, 5791 Van Allen Way, Carlsbad, California 92008.

©2011 Life Technologies Corporation. All rights reserved. The trademarks mentioned herein are the property of Life Technologies Corporation or their respective owners.

**For support visit** [www.lifetechnologies.com/support](http://www.lifetechnologies.com/support) or  
email [techsupport@lifetech.com](mailto:techsupport@lifetech.com)

[www.lifetechnologies.com](http://www.lifetechnologies.com)

