

## (d)CTP diphosphatase

Cat. No. EXWM-4638

Lot. No. (See product label)

### Introduction

#### Description

The enzyme, characterized from the bacterium *Escherichia coli*, is specific for the pyrimidine nucleotides CTP and dCTP. It also acts on 5-methyl-dCTP, 5-hydroxy-dCTP and 8-hydroxy-dGTP.

#### Synonyms

(d)CTP pyrophosphohydrolase; (d)CTP diphosphohydrolase; nudG (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.6.1.65

#### Reaction

(1)  $\text{CTP} + \text{H}_2\text{O} = \text{CMP} + \text{diphosphate}$ ; (2)  $\text{dCTP} + \text{H}_2\text{O} = \text{dCMP} + \text{diphosphate}$

#### Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

#### Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.