

## Recombinant uridine phosphorylase from E. coli

Cat. No. NATE-0999

Lot. No. (See product label)

### Introduction

#### Description

Uridine phosphorylase catalyzes the reversible phosphorolysis of uridine with the formation of ribose-1-phosphate and uracil.

#### Applications

These enzymes are widely used for the synthesis of modified nucleotides (virasol, cladribine, fludarabine) which are efficient antiviral and antitumor drugs.

#### Synonyms

Uridine phosphorylase; EC 2.4.2.3; UrdPase; Upase; StUP

### Product Information

#### Species

E. coli

#### Source

E. coli

#### Appearance

Colourless clear liquid

#### EC Number

EC 2.4.2.3

#### CAS No.

9030-22-2

#### Molecular Weight

27.3 kDa (163.5 kDa - hexamer)

#### Purity

> 85 %

#### Activity

more than 20 u/mg

### Storage and Shipping Information

#### Storage

Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.