

## 2'-deamino-2'-hydroxyneamine transaminase

Cat. No. EXWM-2935

Lot. No. (See product label)

### Introduction

#### Description

The reaction occurs in vivo in the opposite direction. Involved in the biosynthetic pathway of kanamycin A and kanamycin D. The enzyme, characterized from the bacterium *Streptomyces kanamyceticus*, can also catalyze EC 2.6.1.93, neamine transaminase.

#### Synonyms

kacL (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.6.1.94

#### Reaction

2'-deamino-2'-hydroxyneamine + 2-oxoglutarate = 2'-deamino-2'-hydroxy-6'-dehydroparomamine + L-glutamate

#### 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.