

## N-carbamoylputrescine amidase

Cat. No. EXWM-4442

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of hydrolases, those acting on carbon-nitrogen bonds other than peptide bonds, specifically in linear amides. The systematic name of this enzyme class is N-carbamoylputrescine amidohydrolase. Other names in common use include carbamoylputrescine hydrolase, and NCP. This enzyme participates in urea cycle and metabolism of amino groups.

#### Synonyms

carbamoylputrescine hydrolase; NCP

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.5.1.53

#### CAS No.

85030-69-9

#### Reaction

$\text{N-carbamoylputrescine} + \text{H}_2\text{O} = \text{putrescine} + \text{CO}_2 + \text{NH}_3$

#### 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.