

## 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** N-carbamoylputrescine + H<sub>2</sub>O = putrescine + CO<sub>2</sub> + NH<sub>3</sub>

**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.