Creative Enzymes®

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 + H2O = putrescine + CO2 + NH3
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.