Creative Enzymes®

cytidine deaminase

Cat. No. EXWM-4573

Lot. No. (See product label)

Introduction

Description	Contains zinc. Catalyses the deamination of cytidine and 2'-deoxycytidine with similar efficiencies. The enzyme, which is widely distributed among organisms, is involved in salvage of both exogenous and endogenous cytidine and 2'-deoxycytidine for UMP synthesis.
Synonyms	cytosine nucleoside deaminase; (deoxy)cytidine deaminase; cdd (gene name); CDA (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.4.5
CAS No.	9025-06-3
Reaction	(1) cytidine + H2O = uridine + NH3; (2) 2'-deoxycytidine + H2O = 2'-deoxyuridine + 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 ℃.