Creative Enzymes®

glutamin-(asparagin-)ase

Cat. No. EXWM-4426

Lot. No. (See product label)

Introduction

Description	The enzyme from the bacterium Achromobacter hydrolyses L-asparagine at 0.8 of the rate of L-glutamine; the D-isomers are also hydrolysed, but more slowly. cf. EC 3.5.1.2, glutaminase and EC 3.5.1.1, asparaginase.
Synonyms	glutaminase-asparaginase; ansB (gene name); L-asparagine/L-glutamine amidohydrolase; L-ASNase/L-GLNase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.1.38
CAS No.	39335-03-0
Reaction	(1) L-glutamine + H2O = L-glutamate + NH3; (2) L-asparagine + H2O = L-aspartate + 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 ℃.