Creative Enzymes®

threo-3-hydroxy-D-aspartate ammonia-lyase

Cat. No. EXWM-5286

Lot. No. (See product label)

Introduction

Description	A pyridoxal-phosphate protein. The enzyme, purified from the bacterium Delftia sp. HT23, also has activity against L-threo-3-hydroxyaspartate, L-erythro-3-hydroxyaspartate, and D-serine. Different from EC 4.3.1.20, erythro-3-hydroxy-L-aspartate ammonia-lyase and EC 4.3.1.16, threo-3-hydroxy-L-aspartate ammonia-lyase. Requires a divalent cation such as Mn2+, Co2+ or Ni2+.
Synonyms	D-threo-3-hydroxyaspartate dehydratase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.3.1.27
Reaction	threo-3-hydroxy-D-aspartate = oxaloacetate + 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 ℃.