Creative Enzymes®

D-amino-acid transaminase

Cat. No. EXWM-2861

Lot. No. (See product label)

Introduction

Description	A pyridoxal-phosphate protein. The enzyme from thermophilic Bacillus species acts on many D-amino acids with D-alanine and D-2-aminobutyrate as the best amino donors. It can similarly use any of several 2-oxo acids as amino acceptor, with 2-oxoglutarate and 2-oxobutyrate among the best. The enzyme from some other sources has a broader specificity.
Synonyms	D-aspartate transaminase; D-alanine aminotransferase; D-aspartic aminotransferase;D-alanine-D-glutamate transaminase; D-alanine transaminase; D-amino acid aminotransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.6.1.21
CAS No.	37277-85-3
Reaction	D-alanine + 2-oxoglutarate = pyruvate + D-glutamate
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 ℃.