Creative Enzymes®

(S)-3-amino-2-methylpropionate transaminase

Cat. No. EXWM-2862

Lot. No. (See product label)

Introduction

Description	Also acts on β-alanine and other ω-amino acids having carbon chains between 2 and 5. The two enantiomers of the 2-methyl-3-oxopropanoate formed by the enzyme interconvert by enolization, so that this enzyme, together with EC 2.6.1.40, (R)-3-amino-2-methylpropionate-pyruvate transaminase, provide a route for interconversion of the enantiomers of 3-amino-2-methylpropanoate.
Synonyms	L-3-aminoisobutyrate transaminase; β-aminobutyric transaminase; L-3-aminoisobutyric aminotransferase; β-aminoisobutyrate-α-ketoglutarate transaminase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.6.1.22
CAS No.	9031-95-2
Reaction	(S)-3-amino-2-methylpropanoate + 2-oxoglutarate = 2-methyl-3-oxopropanoate + L-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 ℃.