Creative Enzymes®

methionine transaminase

Cat. No. EXWM-2929

Lot. No. (See product label)

Introduction

Description	The enzyme is most active with L-methionine. It participates in the L-methionine salvage pathway from S-methyl-5'-thioadenosine, a by-product of polyamine biosynthesis. The enzyme from the bacterium Klebsiella pneumoniae can use several different amino acids as amino donor, with aromatic amino acids being the most effective. The enzyme from the plant Arabidopsis thaliana is also a part of the chain elongation pathway in the biosynthesis of methionine-derived glucosinolates.
Synonyms	methionine-oxo-acid transaminase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.6.1.88
Reaction	L-methionine + a 2-oxo carboxylate = 2-oxo-4-methylthiobutanoate + an L-amino acid
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 ℃.