

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.