

glycine C-acetyltransferase

Cat. No. EXWM-2206

Lot. No. (See product label)

Introduction

Description

This is a pyridoxal-phosphate-dependent enzyme that acts in concert with EC 1.1.1.103, L-threonine 3-dehydrogenase, in the degradation of threonine to form glycine. This threonine degradation pathway is common to prokaryotic and eukaryotic cells and the two enzymes involved form a complex.

Synonyms

2-amino-3-ketobutyrate CoA ligase; 2-amino-3-ketobutyrate coenzyme A ligase; 2-amino-3-ketobutyrate-CoA ligase; glycine acetyltransferase; aminoacetone synthase; aminoacetone synthetase; KBL; AKB ligase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.29

CAS No.

37257-11-7

Reaction

acetyl-CoA + glycine = CoA + L-2-amino-3-oxobutanoate

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.