

glycine hydroxymethyltransferase

Cat. No. EXWM-2000

Lot. No. (See product label)

Introduction

Description

A pyridoxal-phosphate protein. Also catalyses the reaction of glycine with acetaldehyde to form L-threonine, and with 4-trimethylammonibutanal to form 3-hydroxy-N6,N6,N6-trimethyl-L-lysine.

Synonyms

serine aldolase; threonine aldolase; serine hydroxymethylase; serine hydroxymethyltransferase; allothreonine aldolase; L-serine hydroxymethyltransferase; L-threonine aldolase; serine hydroxymethyltransferase; serine transhydroxymethylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.2.1

CAS No.

9029-83-8

Reaction

5,10-methylenetetrahydrofolate + glycine + H₂O = tetrahydrofolate + L-serine

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.