

## 2,2-dialkylglycine decarboxylase (pyruvate)

Cat. No. EXWM-4811

Lot. No. (See product label)

### Introduction

#### Description

A pyridoxal-phosphate protein. Acts on 2-amino-2-methylpropanoate (i.e. 2-methylalanine), 2-amino-2-methylbutanoate and 1-aminocyclopentanecarboxylate.

#### Synonyms

dialkyl amino acid (pyruvate) decarboxylase;  $\alpha$ -dialkyl amino acid transaminase; 2,2-dialkyl-2-amino acid-pyruvate aminotransferase; L-alanine- $\alpha$ -ketobutyrate aminotransferase; dialkylamino-acid decarboxylase (pyruvate); 2,2-dialkylglycine carboxy-lyase (amino-transferring)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.1.1.64

#### CAS No.

9032-17-1

#### Reaction

2,2-dialkylglycine + pyruvate = dialkyl ketone + CO<sub>2</sub> + L-alanine

#### 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.