

## aspartate 4-decarboxylase

Cat. No. EXWM-4757

Lot. No. (See product label)

### Introduction

**Description** A pyridoxal-phosphate protein. Also catalyses the decarboxylation of aminomalonate (formerly listed as EC 4.1.1.10), and the desulfination of 3-sulfino-L-alanine to sulfite and alanine.

**Synonyms** desulfinase; aminomalonic decarboxylase; aspartate  $\beta$ -decarboxylase; aspartate  $\omega$ -decarboxylase; aspartic  $\omega$ -decarboxylase; aspartic  $\beta$ -decarboxylase; L-aspartate  $\beta$ -decarboxylase; cysteine sulfinic desulfinase; L-cysteine sulfinic acid desulfinase; L-aspartate 4-carboxy-lyase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.1.1.12

**CAS No.** 9024-57-1

**Reaction** L-aspartate = L-alanine + CO<sub>2</sub>

**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.