

## (S)-3-amino-2-methylpropionate transaminase

Cat. No. EXWM-2862

Lot. No. (See product label)

### Introduction

**Description** Also acts on  $\beta$ -alanine and other  $\omega$ -amino acids having carbon chains between 2 and 5. The two enantiomers of the 2-methyl-3-oxopropanoate formed by the enzyme interconvert by enolization, so that this enzyme, together with EC 2.6.1.40, (R)-3-amino-2-methylpropionate-pyruvate transaminase, provide a route for interconversion of the enantiomers of 3-amino-2-methylpropanoate.

**Synonyms** L-3-aminoisobutyrate transaminase;  $\beta$ -aminobutyric transaminase; L-3-aminoisobutyric aminotransferase;  $\beta$ -aminoisobutyrate- $\alpha$ -ketoglutarate transaminase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.6.1.22

**CAS No.** 9031-95-2

**Reaction** (S)-3-amino-2-methylpropanoate + 2-oxoglutarate = 2-methyl-3-oxopropanoate + L-glutamate

**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.