

4-aminobutyrate-pyruvate transaminase

Cat. No. EXWM-2937

Lot. No. (See product label)

Introduction

Description

Requires pyridoxal 5'-phosphate. The enzyme is found in plants that do not have the 2-oxoglutarate dependent enzyme (cf. EC 2.6.1.19). The reaction with pyruvate is reversible while the reaction with glyoxylate only takes place in the forward direction.

Synonyms

aminobutyrate aminotransferase (ambiguous); γ -aminobutyrate aminotransaminase (ambiguous); γ -aminobutyrate transaminase (ambiguous); γ -aminobutyric acid aminotransferase (ambiguous); γ -aminobutyric acid pyruvate transaminase; γ -aminobutyric acid transaminase (ambiguous); γ -aminobutyric transaminase (ambiguous); 4-aminobutyrate aminotransferase (ambiguous); 4-aminobutyric acid aminotransferase (ambiguous); aminobutyrate transaminase (ambiguous); GABA aminotransferase (ambiguous); GABA transaminase (ambiguous); GABA transferase; POP2 (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.6.1.96

Reaction

(1) 4-aminobutanoate + pyruvate = succinate semialdehyde + L-alanine; (2) 4-aminobutanoate + glyoxylate = succinate semialdehyde + glycine

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.