

## tyrosine transaminase

Cat. No. EXWM-2891

Lot. No. (See product label)

### Introduction

#### Description

A pyridoxal-phosphate protein. L-Phenylalanine can act instead of L-tyrosine. The mitochondrial enzyme may be identical with EC 2.6.1.1 (aspartate transaminase). The three isoenzymic forms are interconverted by EC 3.4.22.32 (stem bromelain) and EC 3.4.22.33 (fruit bromelain). The enzyme can also catalyse the final step in the methionine-salvage pathway of *Klebsiella pneumoniae*.

#### Synonyms

tyrosine aminotransferase; glutamic-hydroxyphenylpyruvic transaminase; glutamic phenylpyruvic aminotransferase; L-phenylalanine 2-oxoglutarate aminotransferase; L-tyrosine aminotransferase; phenylalanine aminotransferase; phenylalanine transaminase; phenylalanine- $\alpha$ -ketoglutarate transaminase; phenylpyruvate transaminase; phenylpyruvic acid transaminase; tyrosine- $\alpha$ -ketoglutarate aminotransferase; tyrosine- $\alpha$ -ketoglutarate transaminase; tyrosine-2-ketoglutarate aminotransferase; TyrAT

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.6.1.5

#### CAS No.

9014-55-5

#### Reaction

L-tyrosine + 2-oxoglutarate = 4-hydroxyphenylpyruvate + 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.