

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- α -ketoglutarate transaminase; phenylpyruvate transaminase; phenylpyruvic acid transaminase; tyrosine- α -ketoglutarate aminotransferase; tyrosine- α -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.