

# leucine transaminase

Cat. No. EXWM-2901

Lot. No. (See product label)

## Introduction

### Description

A pyridoxal-phosphate protein. This enzyme differs from EC 2.6.1.42, branched-chain-amino-acid transaminase, in that it does not act on L-valine or L-isoleucine, although it does act on L-methionine. The mitochondrial form from rat liver differs in physical characteristics from the cytoplasmic form.

### Synonyms

L-leucine aminotransferase; leucine 2-oxoglutarate transaminase; leucine aminotransferase; leucine- $\alpha$ -ketoglutarate transaminase

## Product Information

### Form

Liquid or lyophilized powder

### EC Number

EC 2.6.1.6

### CAS No.

9030-37-9

### Reaction

L-leucine + 2-oxoglutarate = 4-methyl-2-oxopentanoate + 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.