

3-keto-5-aminohexanoate cleavage enzyme

Cat. No. EXWM-2196

Lot. No. (See product label)

Introduction

Description

Requires Zn²⁺. The enzyme, isolated from the bacteria *Fusobacterium nucleatum* and *Cloacimonas acidaminovorans*, is involved in the anaerobic fermentation of lysine.

Synonyms

kce (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.247

Reaction

(5S)-5-amino-3-oxohexanoate + acetyl-CoA = L-3-aminobutanoyl-CoA + acetoacetate

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.