

lipoyl amidotransferase

Cat. No. EXWM-2145

Lot. No. (See product label)

Introduction

Description

In the bacterium *Listeria monocytogenes* the enzyme takes part in a pathway for scavenging of lipoic acid. The enzyme is bound to 2-oxo-acid dehydrogenases such as the pyruvate dehydrogenase complex, where it transfers the lipoyl moiety from lipoyl-[glycine cleavage system H] to the E2 subunits of the complexes.

Synonyms

LipL (gene name, ambiguous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.200

Reaction

[glycine cleavage system H]-N6-lipoyl-L-lysine + a [lipoyl-carrier protein] = glycine cleavage system H + a [lipoyl-carrier protein]-N6-lipoyl-L-lysine

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.