Creative Enzymes®

# lipoyl amidotransferase

*Cat. No. EXWM-2145*

*Lot. No.* (See product label)

## Introduction

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| ***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

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| ***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

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |