

octanoyl-[GcvH]:protein N-octanoyltransferase

Cat. No. EXWM-2149

Lot. No. (See product label)

Introduction

Description

In the bacterium *Bacillus subtilis* it has been shown that the enzyme catalyses the amidotransfer of the octanoyl moiety from [glycine cleavage system H]-N6-octanoyl-L-lysine (i.e. octanoyl-GcvH) to the E2 subunit (dihydrolipoamide acetyltransferase) of pyruvate dehydrogenase.

Synonyms

LipL; octanoyl-[GcvH]:E2 amidotransferase; ywfL (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.204

Reaction

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