Creative Enzymes®

(R)-2-hydroxy-4-methylpentanoate CoA-transferase

Cat. No. EXWM-3420

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the bacterium Peptoclostridium difficile, participates in an L-leucine fermentation pathway. The reaction proceeds via formation of a covalent anhydride intermediate between a conserved aspartate residue and the acyl group of the CoA thioester substrate.
Synonyms	hadA (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.8.3.24
Reaction	4-methylpentanoyl-CoA + (R)-2-hydroxy-4-methylpentanoate = 4-methylpentanoate + (R)-2-hydroxy-4-methylpentanoyl-CoA
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.