(R)-2-hydroxyisocaproyl-CoA dehydratase

Cat. No. EXWM-4998

Lot. No. (See product label)

Introduction

Description	The enzyme, isolated from the bacterium Peptoclostridium difficile, is involved in the reductive branch of L-leucine fermentation. It catalyses an α/β-dehydration, which depends on the reductive formation of ketyl radicals on the substrate generated by injection of a single electron from the ATP-dependent activator protein HadI.
Synonyms	2-hydroxyisocaproyl-CoA dehydratase; HadBC

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.1.157
Reaction	(R)-2-hydroxy-4-methylpentanoyl-CoA = 4-methylpent-2-enoyl-CoA + H2O
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 ℃.