

hydroxymethylglutaryl-CoA reductase

Cat. No. EXWM-0372

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is (R)-mevalonate:NAD⁺ oxidoreductase (CoA-acylating). Other names in common use include beta-hydroxy-beta-methylglutaryl coenzyme A reductase, beta-hydroxy-beta-methylglutaryl CoA-reductase, 3-hydroxy-3-methylglutaryl coenzyme A reductase, and hydroxymethylglutaryl coenzyme A reductase.

Synonyms β-hydroxy-β-methylglutaryl coenzyme A reductase; β-hydroxy-β-methylglutaryl CoA-reductase; 3-hydroxy-3-methylglutaryl coenzyme A reductase; hydroxymethylglutaryl coenzyme A reductase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.88

CAS No. 37250-24-1

Reaction (R)-mevalonate + CoA + 2 NAD⁺ = 3-hydroxy-3-methylglutaryl-CoA + 2 NADH + 2 H⁺

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.