Creative Enzymes®

acrylyl-CoA reductase (NADPH)

Cat. No. EXWM-1353

Lot. No. (See product label)

Introduction

Description	Catalyses a step in the 3-hydroxypropanoate/4-hydroxybutanoate cycle, an autotrophic CO2 fixation pathway found in some thermoacidophilic archaea. The enzyme from Sulfolobus tokodaii does not act on either NADH or crotonyl-CoA. Different from EC 1.3.1.8, which acts only on enoyl-CoA derivatives of carbon chain length 4 to 16. Contains Zn2+.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.3.1.84
Reaction	propanoyl-CoA + NADP+ = acryloyl-CoA + NADPH + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.