Creative Enzymes®

CO-methylating acetyl-CoA synthase

Cat. No. EXWM-2109

Lot. No. (See product label)

Introduction

Description	Contains nickel, copper and iron-sulfur clusters. Involved, together with EC 1.2.7.4, carbon-monoxide dehydrogenase (ferredoxin), in the synthesis of acetyl-CoA from CO2 and H2.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.169
CAS No.	176591-19-8
Reaction	acetyl-CoA + a [Co(I) corrinoid Fe-S protein] = CO + CoA + a [methyl-Co(III) corrinoid Fe-S protein]
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 ℃.