

## 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 CO<sub>2</sub> and H<sub>2</sub>.

### 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.