

## adenosylcobalamin/ $\alpha$ -ribazole phosphatase

Cat. No. EXWM-3678

Lot. No. (See product label)

### Introduction

**Description** This enzyme catalyses the last step in the anaerobic (early cobalt insertion) pathway of adenosylcobalamin biosynthesis, characterized in *Salmonella enterica*. It also participates in a salvage pathway that recycles cobinamide into adenosylcobalamin.

**Synonyms** CobC; adenosylcobalamin phosphatase;  $\alpha$ -ribazole phosphatase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.1.3.73

**CAS No.** 251991-06-7

**Reaction** (1) adenosylcobalamin 5'-phosphate + H<sub>2</sub>O = coenzyme B<sub>12</sub> + phosphate; (2)  $\alpha$ -ribazole 5'-phosphate + H<sub>2</sub>O =  $\alpha$ -ribazole + phosphate

**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.