

## cystathionine $\beta$ -synthase (O-acetyl-L-serine)

Cat. No. EXWM-2750

Lot. No. (See product label)

### Introduction

**Description** A pyridoxal 5'-phosphate protein. The enzyme, purified from the bacterium *Bacillus subtilis*, also has a low activity with L-serine (cf. EC 4.2.1.22, cystathionine  $\beta$ -synthase).

**Synonyms** MccB; O-acetylserine dependent cystathionine  $\beta$ -synthase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.5.1.134

**Reaction** O-acetyl-L-serine + L-homocysteine = L-cystathionine + acetate

**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.