Creative Enzymes®

cystathionine β-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 β-synthase).
Synonyms	MccB; O-acetylserine dependent cystathionine β-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.