

cystathionine β -synthase

Cat. No. EXWM-5015

Lot. No. (See product label)

Introduction

Description A pyridoxal-phosphate protein. A multifunctional enzyme: catalyses β -replacement reactions between L-serine, L-cysteine, cysteine thioethers, or some other β -substituted α -L-amino acids, and a variety of mercaptans.

Synonyms serine sulfhydrase; β -thionase; methylcysteine synthase; cysteine synthase (incorrect); serine sulfhydrylase; L-serine hydro-lyase (adding homocysteine)

Product Information

Form Liquid or lyophilized powder

EC Number EC 4.2.1.22

CAS No. 9023-99-8

Reaction L-serine + L-homocysteine = L-cystathionine + H₂O

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.