

O-ureido-L-serine synthase

Cat. No. EXWM-2944

Lot. No. (See product label)

Introduction

Description

The enzyme participates in the biosynthetic pathway of D-cycloserine, an antibiotic substance produced by several *Streptomyces* species. Also catalyses EC 2.5.1.47, cysteine synthase.

Synonyms

dcsD (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.6.99.3

Reaction

O-acetyl-L-serine + hydroxyurea = O-ureido-L-serine + 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.