Creative Enzymes®

O-ureido-D-serine cyclo-ligase

Cat. No. EXWM-5777

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.
Synonyms	dcsG (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.3.3.5
Reaction	O-ureido-D-serine + ATP + H2O = D-cycloserine + CO2 + NH3 + ADP + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.