Creative Enzymes®

selenocysteine lyase

Cat. No. EXWM-5318

Lot. No. (See product label)

Introduction

Description	A pyridoxal-phosphate protein. Dithiothreitol or 2-mercaptoethanol can act as the reducing agent in the reaction. The enzyme from animals does not act on cysteine, serine or chloroalanine, while the enzyme from bacteria shows activity with cysteine (cf. EC 2.8.1.7, cysteine desulfurase).
Synonyms	selenocysteine reductase; selenocysteine β-lyase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.4.1.16
CAS No.	82047-76-5
Reaction	L-selenocysteine + reduced acceptor = selenide + L-alanine + acceptor
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 ℃.