Creative Enzymes®

L-cysteinyl-L-histidinylsulfoxide synthase

Cat. No. EXWM-1062

Lot. No. (See product label)

Introduction

Description	Requires Fe2+ for activity. The enzyme participates in ovothiol biosynthesis. It also has some activity as EC 1.13.11.20, cysteine dioxygenase, and can perform the reaction of EC 1.14.99.50, γ-glutamyl hercynylcysteine sulfoxide synthase, albeit with low activity.
Synonyms	OvoA

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.99.52
Reaction	L-histidine + L-cysteine + O2 = S-(L-histidin-5-yl)-L-cysteine S-oxide + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.