

mycoredoxin

Cat. No. EXWM-1242

Lot. No. (See product label)

Introduction

Description

Reduction of arsenate is part of a defense mechanism of the cell against toxic arsenate. The substrate arseno-mycothiol is formed by EC 2.8.4.2 (arsenate:mycothiol transferase). A second mycothiol recycles mycoredoxin and forms mycothione.

Synonyms

Mrx1; MrxI

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.20.4.3

Reaction

arseno-mycothiol + mycoredoxin = arsenite + mycothiol-mycoredoxin disulfide

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.