

## 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-myoithiol is formed by EC 2.8.4.2 (arsenate:myoithiol transferase). A second myoithiol recycles mycoredoxin and forms myoithione.

**Synonyms** Mrx1; MrxI

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.20.4.3

**Reaction** arseno-myoithiol + mycoredoxin = arsenite + myoithiol-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.