

## D-proline reductase (dithiol)

Cat. No. EXWM-1256

Lot. No. (See product label)

### Introduction

#### Description

The reaction is observed only in the direction of D-proline reduction. Other dithiols can function as reducing agents; the enzyme contains a pyruvoyl group and a selenocysteine residue, both essential for activity.

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.21.4.1

#### CAS No.

37255-43-9

#### Reaction

5-aminopentanoate + lipoate = D-proline + dihydrolipoate

#### 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.