

## glutathione dehydrogenase (ascorbate)

Cat. No. EXWM-1676

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on a sulfur group of donors with a quinone or similar compound as acceptor. This enzyme participates in 3 metabolic pathways: ascorbate and aldarate metabolism, glutamate metabolism, and glutathione metabolism.

#### Synonyms

dehydroascorbic reductase; dehydroascorbic acid reductase; glutathione dehydroascorbate reductase; DHA reductase dehydroascorbate reductase; GDOR; glutathione:dehydroascorbic acid oxidoreductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.8.5.1

#### CAS No.

9026-38-4

#### Reaction

2 glutathione + dehydroascorbate = glutathione disulfide + ascorbate

#### 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.