Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.