

glutathione peroxidase

Cat. No. EXWM-0511

Lot. No. (See product label)

Introduction

Description

A protein containing a selenocysteine residue. Steroid and lipid hydroperoxides, but not the product of reaction of EC 1.13.11.12 lipoxygenase on phospholipids, can act as acceptor, but more slowly than H₂O₂ (cf. EC 1.11.1.12 phospholipid-hydroperoxide glutathione peroxidase).

Synonyms

GSH peroxidase; selenium-glutathione peroxidase; reduced glutathione peroxidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.11.1.9

CAS No.

9013-66-5

Reaction

2 glutathione + H₂O₂ = glutathione disulfide + 2 H₂O

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.