

glycine dehydrogenase (cytochrome)

Cat. No. EXWM-1464

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-NH₂ group of donors with a cytochrome as acceptor. The systematic name of this enzyme class is glycine:ferricytochrome-c oxidoreductase (deaminating). This enzyme is also called glycine---cytochrome c reductase. This enzyme participates in glycine, serine and threonine metabolism.

Synonyms

glycine-cytochrome c reductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.4.2.1

CAS No.

9075-55-2

Reaction

glycine + H₂O + 2 ferricytochrome c = glyoxylate + NH₃ + 2 ferrocytochrome c + 2 H⁺

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.