Creative Enzymes®

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