

## glycine dehydrogenase (cyanide-forming)

Cat. No. EXWM-1491

Lot. No. (See product label)

### Introduction

#### Description

The enzyme from *Pseudomonas* sp. contains FAD. The enzyme is membrane-bound, and the 2-electron acceptor is a component of the respiratory chain. The enzyme can act with various artificial electron acceptors, including phenazine methosulfate.

#### Synonyms

hydrogen cyanide synthase; HCN synthase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.4.99.5

#### Reaction

glycine + 2 A = hydrogen cyanide + CO<sub>2</sub> + 2 AH<sub>2</sub>

#### 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.