

S-(hydroxymethyl)glutathione synthase

Cat. No. EXWM-5324

Lot. No. (See product label)

Introduction

Description

The enzyme from *Paracoccus denitrificans* accelerates the spontaneous reaction in which the adduct of formaldehyde and glutathione is formed, i.e. the substrate for EC 1.1.1.284, S-(hydroxymethyl)glutathione dehydrogenase, in the formaldehyde-detoxification pathway.

Synonyms

glutathione-dependent formaldehyde-activating enzyme; Gfa; S-(hydroxymethyl)glutathione formaldehyde-lyase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.4.1.22

CAS No.

425642-27-9

Reaction

S-(hydroxymethyl)glutathione = glutathione + formaldehyde

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.