Creative Enzymes®

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