

## 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.