

## O-phosphoserine sulfhydrylase

Cat. No. EXWM-2802

Lot. No. (See product label)

### Introduction

**Description** A pyridoxal-phosphate protein. The enzyme from *Aeropyrum pernix* acts on both O-phospho-L-serine and O<sup>3</sup>-acetyl-L-serine, in contrast with EC 2.5.1.47, cysteine synthase, which acts only on O<sup>3</sup>-acetyl-L-serine.

**Synonyms** O-phosphoserine(thiol)-lyase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.5.1.65

**CAS No.** 1071505-11-7

**Reaction** O-phospho-L-serine + hydrogen sulfide = L-cysteine + phosphate

**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.