

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 O3-acetyl-L-serine, in contrast with EC 2.5.1.47, cysteine synthase, which acts only on O3-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.