

## selenocysteine lyase

Cat. No. EXWM-5318

Lot. No. (See product label)

### Introduction

**Description** A pyridoxal-phosphate protein. Dithiothreitol or 2-mercaptoethanol can act as the reducing agent in the reaction. The enzyme from animals does not act on cysteine, serine or chloroalanine, while the enzyme from bacteria shows activity with cysteine (cf. EC 2.8.1.7, cysteine desulfurase).

**Synonyms** selenocysteine reductase; selenocysteine  $\beta$ -lyase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.4.1.16

**CAS No.** 82047-76-5

**Reaction** L-selenocysteine + reduced acceptor = selenide + L-alanine + acceptor

**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.