

## selenate reductase

Cat. No. EXWM-1695

Lot. No. (See product label)

### Introduction

#### Description

The periplasmic enzyme from *Thauera selenatis* is a complex comprising three heterologous subunits ( $\alpha$ ,  $\beta$  and  $\gamma$ ) that contains molybdenum, iron, acid-labile sulfide and heme b as cofactor constituents. Nitrate, nitrite, chlorate and sulfate are not substrates. A number of compounds, including acetate, lactate, pyruvate, and certain sugars, amino acids, fatty acids, di- and tricarboxylic acids, and benzoate can serve as electron donors.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.97.1.9

**CAS No.** 146359-71-9

**Reaction** selenite + H<sub>2</sub>O + acceptor = selenate + reduced 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.