

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 (α , β and γ) 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 + H₂O + 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.