Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.