Creative Enzymes®

arsenate reductase (cytochrome c)

Cat. No. EXWM-1239

Lot. No. (See product label)

Introduction

Description	A molybdoprotein containing iron-sulfur clusters. Isolated from α-proteobacteria. Unlike EC 1.20.9.1, arsenate reductase (azurin), it does not use azurin as acceptor.
Synonyms	arsenite oxidase (ambiguous)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.20.2.1
Reaction	arsenite + H2O + 2 oxidized cytochrome c = arsenate + 2 reduced cytochrome c + 2 H+
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 ℃.