

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 $\text{arsenite} + \text{H}_2\text{O} + 2 \text{ oxidized cytochrome c} = \text{arsenate} + 2 \text{ reduced cytochrome c} + 2 \text{ H}^+$

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