

arsenate reductase (azurin)

Cat. No. EXWM-1244

Lot. No. (See product label)

Introduction

Description

Contains a molybdopterin centre comprising two molybdopterin guanosine dinucleotide cofactors bound to molybdenum, a [3Fe-4S] cluster and a Rieske-type [2Fe-2S] cluster. Isolated from β -proteobacteria. Also uses a c-type cytochrome or O₂ as acceptors.

Synonyms

arsenite oxidase (ambiguous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.20.9.1

CAS No.

146907-46-2

Reaction

arsenite + H₂O + 2 oxidized azurin = arsenate + 2 reduced azurin + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.