

urocanate reductase

Cat. No. EXWM-1435

Lot. No. (See product label)

Introduction

Description

The enzyme from the bacterium *Shewanella oneidensis* MR-1 contains a noncovalently-bound FAD and a covalently-bound FMN. It functions as part of an anaerobic electron transfer chain that utilizes urocanate as the terminal electron acceptor. The activity has been demonstrated with the artificial donor reduced methyl viologen.

Synonyms

urdA (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.99.33

Reaction

dihydrouracate + acceptor = urocanate + 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.