Creative Enzymes®

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