

## 1-butanol dehydrogenase (quinone)

Cat. No. EXWM-0429

Lot. No. (See product label)

### Introduction

#### Description

This periplasmic quinoprotein alcohol dehydrogenase, characterized from the bacterium *Thauera butanivorans*, is involved in butane degradation. It contains a pyrroloquinoline quinone (PQQ) prosthetic group. cf. EC 1.1.2.9, 1-butanol dehydrogenase (cytochrome c).

#### Synonyms

BOH

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.5.11

#### Reaction

butan-1-ol + a quinone = butanal + a quinol

#### 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.