

1-butanol dehydrogenase (cytochrome c)

Cat. No. EXWM-0391

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 both pyrroloquinoline quinone (PQQ) and heme c prosthetic groups. cf. EC 1.1.5.11, 1-butanol dehydrogenase (quinone).

Synonyms

BDH

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.2.9

Reaction

butan-1-ol + 2 ferricytochrome c = butanal + 2 ferrocytochrome c + 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.