Creative Enzymes®

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