

cytochrome-c oxidase

Cat. No. EXWM-1687

Lot. No. (See product label)

Introduction

Description

A cytochrome of the a type containing copper. The reduction of O₂ to water is accompanied by the extrusion of four protons from the intramitochondrial compartment. Several bacteria appear to contain analogous oxidases.

Synonyms

cytochrome oxidase; cytochrome a₃; cytochrome aa₃; Warburg's respiratory enzyme; indophenol oxidase; indophenolase; complex IV (mitochondrial electron transport); ferrocytochrome c oxidase; NADH cytochrome c oxidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.9.3.1

CAS No.

9001-16-5

Reaction

4 ferrocytochrome c + O₂ + 4 H⁺ = 4 ferricytochrome c + 2 H₂O

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.