Creative Enzymes®

nitrite reductase (cytochrome; ammonia-forming)

Cat. No. EXWM-1617

Lot. No. (See product label)

Introduction

Description	Found as a multiheme cytochrome in many bacteria. The enzyme from Escherichia coli contains five hemes c and requires Ca2+. It also reduces nitric oxide and hydroxylamine to ammonia, and sulfite to sulfide.
Synonyms	cytochrome c nitrite reductase; multiheme nitrite reductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.7.2.2
Reaction	NH3 + 2 H2O + 6 ferricytochrome c = nitrite + 6 ferrocytochrome c + 7 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 ℃.