Creative Enzymes®

# nitrate reductase

*Cat. No. EXWM-1635*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | The Pseudomonas enzyme is a cytochrome, but the enzyme from Micrococcus halodenitrificans is an iron protein containing molybdenum. Reduced benzyl viologen and other dyes bring about the reduction of nitrate. |
| ***Synonyms*** | respiratory nitrate reductase; nitrate reductase (acceptor); nitrite:(acceptor) oxidoreductase |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 1.7.99.4 |
| ***CAS No.*** | 37256-45-4 |
| ***Reaction*** | nitrite + acceptor = nitrate + reduced acceptor |
| ***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

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |