

## nitrilotriacetate monooxygenase

Cat. No. EXWM-0907

Lot. No. (See product label)

### Introduction

#### Description

Requires Mg<sup>2+</sup>. The enzyme from *Aminobacter aminovorans* (previously *Chelatobacter heintzii*) is part of a two component system that also includes EC 1.5.1.42 (FMN reductase), which provides reduced flavin mononucleotide for this enzyme.

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.14.10

#### Reaction

nitrilotriacetate + FMNH<sub>2</sub> + H<sup>+</sup> + O<sub>2</sub> = iminodiacetate + glyoxylate + FMN + H<sub>2</sub>O

#### 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.