

nitrilotriacetate monooxygenase

Cat. No. EXWM-0907

Lot. No. (See product label)

Introduction

Description Requires Mg²⁺. 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 + FMNH₂ + H⁺ + O₂ = iminodiacetate + glyoxylate + FMN + 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.