Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.