

2-aminoethylphosphonate dioxygenase

Cat. No. EXWM-0665

Lot. No. (See product label)

Introduction

Description Requires Fe²⁺ and ascorbate. The enzyme, characterized from an uncultured marine bacterium, is involved in a (2-aminoethyl)phosphonate degradation pathway.

Synonyms phnY (gene name)

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.14.11.46

Reaction (2-aminoethyl)phosphonate + 2-oxoglutarate + O₂ = (2-amino-1-hydroxyethyl)phosphonate + succinate + CO₂

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.