

## methylphosphonate synthase

Cat. No. EXWM-0593

Lot. No. (See product label)

### Introduction

**Description** Isolated from the marine archaeon Nitrosopumilus maritimus.

**Synonyms** mpnS (gene name); 2-hydroxyethylphosphonate:O<sub>2</sub> 1,2-oxidoreductase (methylphosphonate forming)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.13.11.73

**Reaction** 2-hydroxyethylphosphonate + O<sub>2</sub> = methylphosphonate + HCO<sub>3</sub><sup>-</sup>

**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.