

## archaetidylinositol phosphate synthase

Cat. No. EXWM-3338

Lot. No. (See product label)

### Introduction

**Description** Requires Mg<sup>2+</sup> or Mn<sup>2+</sup> for activity. The enzyme is involved in biosynthesis of archaetidyl-myo-inositol, a compound essential for glycolipid biosynthesis in archaea.

**Synonyms** AIP synthase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.7.8.39

**Reaction** CDP-2,3-bis-(O-phytanyl)-sn-glycerol + 1L-myo-inositol 1-phosphate = CMP + 1-archaetidyl-1D-myo-inositol 3-phosphate

**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.