

## pyridoxal phosphatase

Cat. No. EXWM-3679

Lot. No. (See product label)

### Introduction

**Description** Requires Mg<sup>2+</sup>. This enzyme is specific for phosphorylated vitamin B6 compounds: it acts not only on pyridoxal phosphate (PLP), but also on pyridoxine phosphate (PNP), pyridoxamine phosphate (PMP), 4-pyridoxic acid phosphate and 4-deoxypyridoxine phosphate. This reaction can also be carried out by EC 3.1.3.1 (alkaline phosphatase) and EC 3.1.3.2 (acid phosphatase), but these enzymes have very broad substrate specificities.

**Synonyms** vitamine B6 (pyridoxine) phosphatase; PLP phosphatase; vitamin B6-phosphate phosphatase; PNP phosphatase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.1.3.74

**CAS No.** 9076-92-0

**Reaction** pyridoxal 5'-phosphate + H<sub>2</sub>O = pyridoxal + 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.