

## 3-phytase

Cat. No. EXWM-3685

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of hydrolases, specifically those acting on phosphoric monoester bonds. The systematic name of this enzyme class is myo-inositol-hexakisphosphate 3-phosphohydrolase. Other names in common use include 1-phytase, phytase, phytate 1-phosphatase, and phytate 6-phosphatase. This enzyme participates in inositol phosphate metabolism.

#### Synonyms

1-phytase; phytase; phytate 1-phosphatase; phytate 6-phosphatase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.1.3.8

#### CAS No.

37288-11-2

#### Reaction

myo-inositol hexakisphosphate + H<sub>2</sub>O = 1D-myo-inositol 1,2,4,5,6-pentakisphosphate + 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.