

## 2,3-bisphosphoglycerate 3-phosphatase

Cat. No. EXWM-3686

Lot. No. (See product label)

### Introduction

#### Description

This reaction is a shortcut in the Rapoport-Luebering shunt. It bypasses the reactions of EC 3.1.3.13/EC 5.4.2.12 [bisphosphoglycerate phosphatase/phosphoglycerate mutase (2,3-diphosphoglycerate-independent)] and directly forms 2-phospho-D-glycerate by removing the 3-phospho-group of 2,3-diphospho-D-glycerate. The MIPP1 protein also catalyses the reaction of EC 3.1.3.62 (multiple inositol-polyphosphate phosphatase).

#### Synonyms

MIPP1; 2,3-BPG 3-phosphatase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.1.3.80

#### Reaction

2,3-bisphospho-D-glycerate + H<sub>2</sub>O = 2-phospho-D-glycerate + 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.