

## phosphogluconate dehydratase

Cat. No. EXWM-4960

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of lyases, specifically the hydro-lyases, which cleave carbon-oxygen bonds. This enzyme participates in Entner-Doudoroff pathway.

**Synonyms** 6-phosphogluconate dehydratase; 6-phosphogluconic dehydrase; gluconate-6-phosphate dehydratase; gluconate 6-phosphate dehydratase; 6-phosphogluconate dehydrase; 6-phospho-D-gluconate hydro-lyase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.2.1.12

**CAS No.** 9024-33-3

**Reaction** 6-phospho-D-gluconate = 2-dehydro-3-deoxy-6-phospho-D-gluconate + H<sub>2</sub>O

**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.