

## D-glucosamine-6-phosphate ammonia-lyase

Cat. No. EXWM-5288

Lot. No. (See product label)

### Introduction

#### Description

The enzyme, from the bacterium *Salmonella typhimurium*, is involved in the degradation pathway of 2-amino-2-deoxy-D-gluconate.

#### Synonyms

DgaE; 6-phospho-D-glucosamine ammonia-lyase (2-dehydro-3-deoxy-6-phospho-D-gluconate-forming)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.3.1.29

#### Reaction

2-amino-2-deoxy-D-gluconate 6-phosphate = 2-dehydro-3-deoxy-6-phospho-D-gluconate + NH<sub>3</sub>

#### 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.