

## 3-dehydro-L-gulonate-6-phosphate decarboxylase

Cat. No. EXWM-4834

Lot. No. (See product label)

### Introduction

**Description** Requires Mg<sup>2+</sup>. Along with EC 5.1.3.22, L-ribulose-5-phosphate 3-epimerase, this enzyme is involved in a pathway for the utilization of L-ascorbate by Escherichia coli.

**Synonyms** 3-keto-L-gulonate 6-phosphate decarboxylase; UlaD; SgaH; SgbH; KGPDC; 3-dehydro-L-gulonate-6-phosphate carboxy-lyase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.1.1.85

**Reaction** 3-dehydro-L-gulonate 6-phosphate + H<sup>+</sup> = L-xylulose 5-phosphate + CO<sub>2</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.