Creative Enzymes®

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

Cat. No. EXWM-4834

Lot. No. (See product label)

Introduction

Description	Requires Mg2+. 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+ = L-xylulose 5-phosphate + CO2
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.