Creative Enzymes®

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 + H2O
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 ℃.