

ribulose-bisphosphate carboxylase

Cat. No. EXWM-4783

Lot. No. (See product label)

Introduction

Description

Will utilize O₂ instead of CO₂, forming 3-phospho-D-glycerate and 2-phosphoglycolate.

Synonyms

D-ribulose 1,5-diphosphate carboxylase; D-ribulose-1,5-bisphosphate carboxylase; RuBP carboxylase; carboxydismutase; diphosphoribulose carboxylase; ribulose 1,5-bisphosphate carboxylase; ribulose 1,5-bisphosphate carboxylase/oxygenase; ribulose 1,5-diphosphate carboxylase; ribulose 1,5-diphosphate carboxylase/oxygenase; ribulose bisphosphate carboxylase/oxygenase; ribulose diphosphate carboxylase; ribulose diphosphate carboxylase/oxygenase; rubisco; 3-phospho-D-glycerate carboxy-lyase (dimerizing)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.1.1.39

CAS No.

9027-23-0

Reaction

2 3-phospho-D-glycerate + 2 H⁺ = D-ribulose 1,5-bisphosphate + CO₂ + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.