Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.