Creative Enzymes®

sedoheptulose-bisphosphatase

Cat. No. EXWM-3640

Lot. No. (See product label)

Introduction

Description	Sedoheptulose-bisphosphatase (also sedoheptulose-1,7-bisphosphatase or SBPase) (EC 3.1.3.37) is an enzyme that catalyzes the removal of a phosphate group from sedoheptulose 1,7-bisphosphate to produce sedoheptulose 7-phosphate. SBPase is an example of a phosphatase, or, more generally, a hydrolase. This enzyme participates in the Calvin cycle.
Synonyms	SBPase; sedoheptulose 1,7-diphospate phosphatase; sedoheptulose 1,7-diphosphatase; sedoheptulose diphosphatase; sedoheptulose bisphosphatase; sedoheptulose 1,7-bisphosphatase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.1.3.37
CAS No.	9055-32-7
Reaction	sedoheptulose 1,7-bisphosphate + H2O = sedoheptulose 7-phosphate + phosphate
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 ℃.