Creative Enzymes®

Native Spinach Phosphoriboisomerase

Cat. No. NATE-0561

Lot. No. (See product label)

Introduction

Description	Phosphoriboisomerase is responsible for the converstion of ribose 5-phosphate to ribulose 5-phosphate.
Applications	Phosphoriboisomerase is used to study the ribulose monophosphate pathway. Phosphoriboisomerase from spinach is used in enzyme assays to convert ribose 5-phosphate to ribulose 5-phosphate.
Synonyms	ribose-5-phosphate isomerase; phosphopentosisomerase; phosphoriboisomerase; ribose phosphate isomerase; 5-phosphoribose isomerase; D-ribose 5-phosphate isomerase; D-ribose-5-phosphate ketol-isomerase; EC 5.3.1.6; 9023-83-0

Product Information

Source	Spinach
Form	partially purified powder
EC Number	EC 5.3.1.6
CAS No.	9023-83-0
Activity	> 75 units/mg protein (biuret)
Unit Definition	One unit will convert 1.0 μmole of D-ribose 5-phosphate to D-ribulose 5-phosphate per min at pH 7.7 at 30°C.

Storage and Shipping Information

Storage	−20°C