

## Native Spinach Phosphoriboisomerase

Cat. No. NATE-0561

Lot. No. (See product label)

### Introduction

**Description** Phosphoriboisomerase is responsible for the conversion 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  $\mu$ mole 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