

Native Rabbit Phosphoglucomutase

Cat. No. NATE-0556

Lot. No. (See product label)

Introduction

Description Phosphoglucomutase (EC 5.4.2.2) is an enzyme that transfers a phosphate group on an α -D-glucose monomer from the 1' to the 6' position in the forward direction or the 6' to the 1' position in the reverse direction. More precisely, it facilitates the interconversion of glucose 1-phosphate and glucose 6-phosphate.

Synonyms EC 5.4.2.2; PGM; phosphoglucomutase; α -D-Glucose-1,6-bisphosphatase, α -D-Glucose-1-phosphate phosphotransferase, Phosphoglucomutase-1, PGM-1, PGM 1, Glucose phosphomutase 1; Glucose phosphomutase; Phosphoglucose mutase

Product Information

Species Rabbit

Source Rabbit Muscle

Form Liquid

EC Number EC 5.4.2.2

CAS No. 9001-81-4

Purity Purified

Activity Reported in U/mL

Contaminants LDH: 0.1%PK: 0.05%Phosphoglucose Isomerase: 0.1%

Specificity > 100 U/mg protein

Pathway Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Galactose metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem

Unit Definition One unit will convert 1.0 μ mole of α -D-glucose 1-phosphate to α -D-glucose 6-phosphate per min at pH 7.4 at 30°C.

Storage and Shipping Information

Storage 2-8°C