

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