Creative Enzymes®

UDP-Sugar pyrophosphorylase from Arabidopsis thaliana, Recombinant

Cat. No. NATE-1503

Lot. No. (See product label)

Introduction

Description	In enzymology, an UTP-monosaccharide-1-phosphate uridylyltransferase (EC 2.7.7.64) is an enzyme that catalyzes the chemical reaction: UTP + a monosaccharide 1-phosphate → diphosphate + UDP-monosaccharide. Thus, the two substrates of this enzyme are UTP and monosaccharide 1-phosphate, whereas its two products are diphosphate and UDP-monosaccharide.
Synonyms	UTP-monosaccharide-1-phosphate uridylyltransferase; EC 2.7.7.64; UDP-sugar pyrophosphorylase; USP

Product Information

Species	Arabidopsis thaliana
Source	E. coli
EC Number	EC 2.7.7.64
CAS No.	223918-15-8
Purity	min 95% by SDS-PAGE
Unit Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 μmol of UDP-Gal from Gal-1-P and UTP per minute at 37°C.