Creative Enzymes®

UDP-glucose-hexose-1-phosphate uridylyltransferase

Cat. No. EXWM-3228

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing nucleotide groups (nucleotidyltransferases). The systematic name of this enzyme class is UDP-glucose:alpha-D-galactose-1-phosphate uridylyltransferase. Other names in common use include uridyl transferase, hexose-1-phosphate uridylyltransferase, uridyltransferase, and hexose 1-phosphate uridyltransferase. This enzyme participates in galactose metabolism and nucleotide sugars metabolism.
Synonyms	uridyl transferase; hexose-1-phosphate uridylyltransferase; uridyltransferase; hexose 1-phosphate uridyltransferase; UDP-glucose:α-D-galactose-1-phosphate uridylyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.7.12
CAS No.	9026-21-5
Reaction	UDP-α-D-glucose + α-D-galactose 1-phosphate = α-D-glucose 1-phosphate + UDP-α-D-galactose
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.