

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 $\text{UDP-}\alpha\text{-D-glucose} + \alpha\text{-D-galactose 1-phosphate} = \alpha\text{-D-glucose 1-phosphate} + \text{UDP-}\alpha\text{-D-galactose}$

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.