Creative Enzymes®

UDP-N-acetylglucosamine 2-epimerase (non-hydrolysing)

Cat. No. EXWM-5399

Lot. No. (See product label)

Introduction

Description	This bacterial enzyme catalyses the reversible interconversion of UDP-GlcNAc and UDP-ManNAc. The latter is used in a variety of bacterial polysaccharide biosyntheses.cf. EC 3.2.1.183, UDP-N-acetylglucosamine 2-epimerase (hydrolysing).
Synonyms	UDP-N-acetylglucosamine 2'-epimerase (ambiguous); uridine diphosphoacetylglucosamine 2'-epimerase (ambiguous); uridine diphospho-N-acetylglucosamine 2'-epimerase (ambiguous); uridine diphosphate-N-acetylglucosamine-2'-epimerase (ambiguous); rffE (gene name); mnaA (gene name); UDP-N-acetyl-D-glucosamine 2-epimerase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 5.1.3.14
CAS No.	9037-71-2
Reaction	UDP-N-acetyl-α-D-glucosamine = UDP-N-acetyl-α-D-mannosamine
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 ℃.