Creative Enzymes®

2-deoxystreptamine glucosyltransferase

Cat. No. EXWM-2517

Lot. No. (See product label)

Introduction

Description	Involved in the biosynthesis of kanamycin B and kanamycin C. Also catalyses EC 2.4.1.283, 2-deoxystreptamine N-acetyl-D-glucosaminyltransferase, but activity is only one fifth of that with UDP-α-D-glucose.
Synonyms	kanF (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.284
Reaction	UDP-α-D-glucose + 2-deoxystreptamine = UDP + 2'-deamino-2'-hydroxyparomamine
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 ℃.