Creative Enzymes®

procollagen glucosyltransferase

Cat. No. EXWM-2609

Lot. No. (See product label)

Introduction

Description	Probably involved in the synthesis of carbohydrate units in complement (cf. EC 2.4.1.50 procollagen galactosyltransferase).
Synonyms	galactosylhydroxylysine glucosyltransferase; collagen glucosyltransferase; collagen hydroxylysyl glucosyltransferase; galactosylhydroxylysyl glucosyltransferase; UDP-glucose-collagenglucosyltransferase; uridine diphosphoglucose-collagen glucosyltransferase; UDP-glucose:5-(D-galactosyloxy)-L-lysine-procollagen D-glucosyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.66
CAS No.	9028-08-4
Reaction	UDP-glucose + (2S,5R)-5-O-(β-D-galactosyl)-5-hydroxy-L-lysine-[procollagen]= UDP + (2S,5R)-5-O-[α-D-glucosyl-(1→2)-β-D-galactosyl]-5-hydroxy-L-lysine-[procollagen]
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 ℃.