

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 $\text{UDP-glucose} + (2S,5R)\text{-}5\text{-O-}(\beta\text{-D-galactosyl})\text{-}5\text{-hydroxy-L-lysine-[procollagen]} = \text{UDP} + (2S,5R)\text{-}5\text{-O-}[\alpha\text{-D-glucosyl-(1}\rightarrow\text{2)}\text{-}\beta\text{-D-galactosyl}]\text{-}5\text{-hydroxy-L-lysine-[procollagen]}$

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