

galactosylxylosylprotein 3-β-galactosyltransferase

Cat. No. EXWM-2359

Lot. No. (See product label)

Introduction

Description Involved in the biosynthesis of the linkage region of glycosaminoglycan chains as part of proteoglycan biosynthesis (chondroitin, dermatan and heparan sulfates). Requires Mn²⁺.

Synonyms galactosyltransferase II; uridine diphosphogalactose-galactosylxylose galactosyltransferase; UDP-galactose:4-β-D-galactosyl-O-β-D-xylosylprotein 3-β-D-galactosyltransferase; UDP-α-D-galactose:4-β-D-galactosyl-O-β-D-xylosylprotein 3-β-D-galactosyltransferase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.4.1.134

CAS No. 56626-21-2, 56626-19-8

Reaction UDP-α-D-galactose + [protein]-3-O-(β-D-galactosyl-(1→4)-β-D-xylosyl)-L-serine = UDP + [protein]-3-O-(β-D-galactosyl-(1→3)-β-D-galactosyl-(1→4)-β-D-xylosyl)-L-serine

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.