

fucosylgalactoside 3- α -galactosyltransferase

Cat. No. EXWM-2583

Lot. No. (See product label)

Introduction

Description

Acts on blood group substance, and can use a number of 2-fucosyl-galactosides as acceptors.

Synonyms

UDP-galactose:O- α -L-fucosyl(1 \rightarrow 2)D-galactose α -D-galactosyltransferase; UDPgalactose:glycoprotein- α -L-fucosyl-(1,2)-D-galactose 3- α -D-galactosyltransferase; [blood group substance] α -galactosyltransferase; blood-group substance B-dependent galactosyltransferase; glycoprotein-fucosylgalactoside α -galactosyltransferase; histo-blood group B transferase; histo-blood substance B-dependent galactosyltransferase; UDP-galactose: α -L-fucosyl-1,2-D-galactoside 3- α -D-galactosyltransferase; UDP-galactose: α -L-fucosyl-(1 \rightarrow 2)-D-galactoside 3- α -D-galactosyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.37

CAS No.

37257-33-3

Reaction

UDP- α -D-galactose + α -L-fucosyl-(1 \rightarrow 2)-D-galactosyl-R = UDP + α -D-galactosyl-(1 \rightarrow 3)-[α -L-fucosyl(1 \rightarrow 2)]-D-galactosyl-R (where R can be OH, an oligosaccharide or a glycoconjugate)

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.