

4-galactosyl-N-acetylglucosaminide 3- α -L-fucosyltransferase

Cat. No. EXWM-2378

Lot. No. (See product label)

Introduction

Description Normally acts on a glycoconjugate where R (see reaction) is a glycoprotein or glycolipid. This enzyme fucosylates on O-3 of an N-acetylglucosamine that carries a galactosyl group on O-4, unlike EC 2.4.1.65, 3-galactosyl-N-acetylglucosaminide 4- α -L-fucosyltransferase, which fucosylates on O-4 of an N-acetylglucosamine that carries a galactosyl group on O-3.

Synonyms Lewis-negative α -3-fucosyltransferase; plasma α -3-fucosyltransferase; guanosine diphosphofucose-glucoside α 1 \rightarrow 3-fucosyltransferase; galactoside 3-fucosyltransferase; GDP-L-fucose:1,4- β -D-galactosyl-N-acetyl-D-glucosaminyl-R 3-L-fucosyltransferase; GDP- β -L-fucose:1,4- β -D-galactosyl-N-acetyl-D-glucosaminyl-R 3-L-fucosyltransferase; GDP- β -L-fucose:1,4- β -D-galactosyl-N-acetyl-D-glucosaminyl-R 3- α -L-fucosyltransferase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.4.1.152

CAS No. 39279-34-0

Reaction GDP- β -L-fucose + (1 \rightarrow 4)- β -D-galactosyl-N-acetyl-D-glucosaminyl-R = GDP + (1 \rightarrow 4)- β -D-galactosyl-[α -(1 \rightarrow 3)-L-fucosyl]-N-acetyl-D-glucosaminyl-R

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.