

galactoside 2- α -L-fucosyltransferase

Cat. No. EXWM-2612

Lot. No. (See product label)

Introduction

Description

Free lactose can act as acceptor. Normally acts on a glycoconjugate where R (see reaction) is a glycoprotein or glycolipid. The action on glycolipid was previously listed as EC 2.4.1.89.

Synonyms

blood group H α -2-fucosyltransferase; guanosine diphosphofucose-galactoside 2-L-fucosyltransferase; α -(1 \rightarrow 2)-L-fucosyltransferase; α -2-fucosyltransferase; α -2-L-fucosyltransferase; blood-group substance H-dependent fucosyltransferase; guanosine diphosphofucose-glycoprotein 2- α -fucosyltransferase; guanosine diphosphofucose-lactose fucosyltransferase; GDP fucose-lactose fucosyltransferase; guanosine diphospho-L-fucose-lactose fucosyltransferase; guanosine diphosphofucose- β -D-galactosyl- α -2-L-fucosyltransferase; guanosine diphosphofucose-galactosylacetylglucosaminylgalactosylglucosylceramide α -L-fucosyltransferase; guanosine diphosphofucose-glycoprotein 2- α -L-fucosyltransferase; H-gene-encoded β -galactoside α 1 \rightarrow 2fucosyltransferase; secretor-type β -galactoside α 1 \rightarrow 2fucosyltransferase; β -galactoside α 1 \rightarrow 2fucosyltransferase; GDP-L-fucose:lactose fucosyltransferase; GDP- β -L-fucose: β -D-galactosyl-R 2- α -L-fucosyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.69

CAS No.

56093-23-3

Reaction

GDP- β -L-fucose + β -D-galactosyl-(1 \rightarrow 3)-N-acetyl- β -D-glucosaminyl-(1 \rightarrow 3)- β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-(1 \leftrightarrow 1)-ceramide = GDP + α -L-fucosyl-(1 \rightarrow 2)- β -D-galactosyl-(1 \rightarrow 3)-N-acetyl- β -D-glucosaminyl-(1 \rightarrow 3)- β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-(1 \leftrightarrow 1)-ceramide

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.