Creative Enzymes®

glycoprotein-fucosylgalactoside α-N-acetylgalactosaminyltransferase

Cat. No. EXWM-2587

Lot. No. (See product label)

Introduction

Description	Acts on blood group substance, and can use a number of 2-fucosyl-galactosides as acceptors.
Synonyms	A-transferase; histo-blood group A glycosyltransferase (Fucα1→2Galα1→3-N-acetylgalactosaminyltransferase); UDP-GalNAc:Fucα1→2Galα1→3-N-acetylgalactosaminyltransferase; α-3-N-acetylgalactosaminyltransferase; blood-group substance α-acetyltransferase; blood-group substance A-dependent acetylgalactosaminyltransferase; fucosylgalactose acetylgalactosaminyltransferase; histo-blood group A acetylgalactosaminyltransferase; histo-blood group A transferase; UDP-N-acetyl-D-galactosamine:α-L-fucosyl-1,2-D-galactose 3-N-acetyl-D-galactosaminyltransferase; UDP-N-acetyl-D-galactosamine:glycoprotein-α-L-fucosyl-(1,2)-D-galactose 3-N-acetyl-D-galactosaminyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.40
CAS No.	9067-69-0
Reaction	UDP-N-acetyl-α-D-galactosamine + glycoprotein-α-L-fucosyl-(1→2)-D-galactose = UDP + glycoprotein-N-acetyl-α-D-galactosaminyl-(1→3)-[α-L-fucosyl-(1→2)]-D-galactose
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.