Creative Enzymes®

polypeptide N-acetylgalactosaminyltransferase

Cat. No. EXWM-2588

Lot. No. (See product label)

Introduction

Description	Requires both Mn2+ and Ca2+. The glycosyl residue is transferred to threonine or serine hydroxy groups on the polypeptide core of submaxillary mucin, κ-casein, apofetuin and some other acceptors of high molecular mass.
Synonyms	protein-UDP acetylgalactosaminyltransferase; UDP-GalNAc:polypeptide N-acetylgalactosaminyl transferase; UDP-N-acetylgalactosamine:κ-casein polypeptide N-acetylgalactosaminyltransferase; uridine diphosphoacetylgalactosamine-glycoprotein acetylgalactosaminyltransferase; glycoprotein acetylgalactosaminyltransferase; polypeptide-N-acetylgalactosamine transferase; UDP-acetylgalactosamine-glycoprotein acetylgalactosaminyltransferase; UDP-acetylgalactosamine:peptide-N-galactosaminyltransferase; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase; UDP-N-acetyl-α-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase; UDP-N-acetylgalactosamine-glycoprotein N-acetylgalactosaminyltransferase; UDP-N-acetylgalactosamine-protein N-acetylgalactosaminyltransferase; UDP-N-acetylgalactosamine:polypeptide N-acetylgalactosaminyltransferase; UDP-N-acetylgalactosamine:protein N-acetylgalactosaminyl transferase; ppGalNAc-T

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.41
CAS No.	9075-15-4
Reaction	UDP-N-acetyl-α-D-galactosamine + polypeptide = UDP + N-acetyl-α-D-galactosaminyl-polypeptide
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 ℃.