Creative Enzymes®

β-galactoside α-2,3-sialyltransferase

Cat. No. EXWM-2708

Lot. No. (See product label)

Introduction

Description	The acceptor is Galβ1,3GalNAc-R, where R is H, a threonine or serine residue in a glycoprotein, or a glycolipid. Lactose can also act as acceptor. May be identical with EC 2.4.99.2 monosialoganglioside sialyltransferase.
Synonyms	CMP-N-acetylneuraminate:β-D-galactoside α-2,3-N-acetylneuraminyl-transferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.99.4
CAS No.	71124-51-1
Reaction	CMP-N-acetylneuraminate + β-D-galactosyl-(1→3)-N-acetyl-α-D-galactosaminyl-R = CMP + α-N-acetylneuraminyl-(2→3)-β-D-galactosyl-(1→3)-N-acetyl-α-D-galactosaminyl-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.