Creative Enzymes®

protein O-mannose β-1,3-N-acetylgalactosaminyltransferase

Cat. No. EXWM-2549

Lot. No. (See product label)

Introduction

Description	The human protein is specific for UDP-N-acetyl-α-D-galactosamine as donor. The enzyme is involved in the formation of a phosphorylated trisaccharide on a threonine residue of α-dystroglycan, an extracellular peripheral glycoprotein that acts as a receptor for extracellular matrix proteins containing laminin-G domains.
Synonyms	B3GALNT2

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.313
Reaction	UDP-N-acetyl-α-D-galactosamine + 3-O-[N-acetyl-β-D-glucosaminyl-(1→4)-α-D-mannosyl]-L-threonyl-[protein] = UDP + 3-O-[N-acetyl-β-D-galactosaminyl-(1→3)-N-acetyl-β-D-glucosaminyl-(1→4)-α-D-mannosyl]-L-threonyl-[protein]
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 ℃.