

glycoprotein-mannosyl O6-kinase

Cat. No. EXWM-3015

Lot. No. (See product label)

Introduction

Description

In humans this phosphorylated trisaccharide is attached to an L-threonine residue of α -dystroglycan, an extracellular peripheral glycoprotein that acts as a receptor for extracellular matrix proteins containing laminin-G domains, and is important for its activity.

Synonyms

SGK196; protein O-mannose kinase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.1.183

Reaction

ATP + O3-[N-acetyl- β -D-galactosaminy-(1 \rightarrow 3)-N-acetyl- β -D-glucosaminy-(1 \rightarrow 4)- α -D-mannosyl]-L-threonyl/L-seryl-[protein] = ADP + O3-[N-acetyl- β -D-galactosaminy-(1 \rightarrow 3)-N-acetyl- β -D-glucosaminy-(1 \rightarrow 4)- α -D-(6-phospho)mannosyl]-L-threonyl/L-seryl-[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 °C for short term. For long term storage, store it at -20 °C~-80 °C.