Creative Enzymes®

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-galactosaminyl-(1→3)-N-acetyl-β-D-glucosaminyl-(1→4)-α-D-mannosyl]-L-threonyl/L-seryl-[protein] = ADP + O3-[N-acetyl-β-D-galactosaminyl-(1→3)-N-acetyl-β-D-glucosaminyl-(1→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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.