Creative Enzymes®

low-density-lipoprotein receptor kinase

Cat. No. EXWM-3149

Lot. No. (See product label)

Introduction

Description	Phosphorylates the last serine residue (Ser-833) in the cytoplasmic domain of the low-density lipoprotein receptor from bovine adrenal cortex. Casein can also act as a substrate but with lower affinity. GTP can act instead of ATP.
Synonyms	ATP:low-density-lipoprotein-L-serine O-phosphotransferase; LDL receptor kinase; [low-density-lipoprotein] kinase; low-density lipoprotein kinase; low-density-lipoprotein receptor kinase (phosphorylating); STK7

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.11.29
CAS No.	107445-00-1
Reaction	ATP + [low-density-lipoprotein receptor]-L-serine = ADP + [low-density-lipoprotein receptor]-O-phospho-L-serine
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 ℃.