

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 $\text{ATP} + [\text{low-density-lipoprotein receptor}]\text{-L-serine} = \text{ADP} + [\text{low-density-lipoprotein receptor}]\text{-O-phospho-L-serine}$

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.