

homoserine kinase

Cat. No. EXWM-3068

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. The systematic name of this enzyme class is ATP:L-homoserine O-phosphotransferase. Other names in common use include homoserine kinase (phosphorylating), and HSK. This enzyme participates in glycine, serine and threonine metabolism.

Synonyms

homoserine kinase (phosphorylating); HSK

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.1.39

CAS No.

9026-58-8

Reaction

ATP + L-homoserine = ADP + O-phospho-L-homoserine

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.